

STATE OF UTAH  
DIVISION OF OIL, GAS AND MINING

<b>APPLICATION FOR PERMIT TO DRILL OR DEEPEN</b>		5. Lease Designation and Serial Number: ML-22265	
1A. Type of Work:      DRILL <input checked="" type="checkbox"/> DEEPEN <input type="checkbox"/>		6. If Indian, Allottee or Tribe Name: N/A	
		7. Unit Agreement Name: N/A	
8. Type of Well:      OIL <input type="checkbox"/> GAS <input checked="" type="checkbox"/> OTHER:      SINGLE ZONE <input type="checkbox"/> MULTIPLE ZONE <input type="checkbox"/>		8. Farm or Lease Name: Morgan State	
2. Name of Operator: Coastal Oil & Gas Corporation		9. Well Number: #11-36	
3. Address and Telephone Number: P.O. Box 749, Denver, CO 80201-0749      (303) 573-4455		10. Field and Pool, or Wildcat: Natural Buttes Field	
4. Location of Well (Footages) At Surface:      1943 FSL 1843 FWL At Proposed Producing Zone:		11. Qtr/Ctr, Section, Township, Range, Meridian:  NE/4 SW/4 Section 36-T9S-R21E	
14. Distance in miles and direction from nearest town or post office: Approximately 49.3 miles southwest of Vernal, Utah		12. County: Uintah	13. State: UTAH
15. Distance to nearest property or lease line (feet): 1843'	16. Number of acres in lease: 639.20	17. Number of acres assigned to this well: 40	
18. Distance to nearest well, drilling, completed, or applied for, on this lease (feet): See Top Map C	19. Proposed Depth: 8200'	20. Rotary or cable tools: Rotary	
21. Elevations (show whether DF, RT, GR, etc.): Ungraded GR - 5087'		22. Approximate date work will start: Upon Approval	

23. PROPOSED CASING AND CEMENTING PROGRAM				
SIZE OF HOLE	GRADE, SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
Please see attached Drilling Program.				

DESCRIBE PROPOSED PROGRAM: If proposal is to deepen, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

Coastal Oil & Gas Corporation proposes to drill a well to the proposed TD as stated above. If productive, casing will be run and the well completed. If dry, the well will be plugged and abandoned as per State of Utah requirements.

See the Drilling Program and Multi-point Surface Use & Operations Plan, attached.

Coastal Oil & Gas Corporation is considered to be the operator of the subject well. It agrees to be responsible under the terms and conditions of the lease for the operations conducted upon the leased lands. Bond coverage pursuant to 43 CFR 3104 for lease activities is being provided for by Coastal's Bond #102103.

24. Name & Signature: <u>Sheila Bremer</u> Sheila Bremer	Environmental & Safety Analyst	Date: <u>12/27/96</u>
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(This space for State use only)

API Number Assigned: 43-047-32813

Approval:

*Petroleum Engineer*

1/16/97

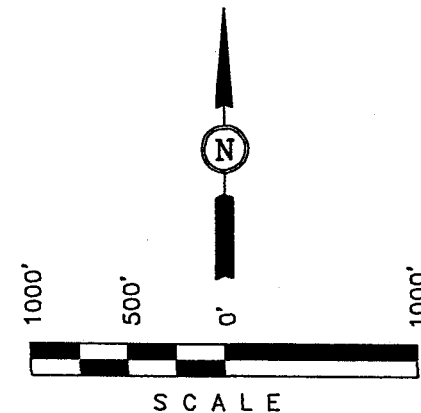
# COASTAL OIL & GAS CORP.

**T9S, R21E, S.L.B.&M.**

Well location, MORGAN STATE #11-36, located as shown in the NE 1/4 SW 1/4 of Section 36, T9S, R21E, S.L.B.&M., Uintah County, Utah.

## BASIS OF ELEVATION

TWO WATERS TRIANGULATION STATION LOCATED IN THE NW 1/4 OF SECTION 1, T10S, R21E, S.L.B.&M. TAKEN FROM THE BIG PACK MTN NE QUADRANGLE, UTAH, UTAH COUNTY, 7.5 MINUTE SERIES (TOPOGRAPHICAL MAP) PUBLISHED BY THE UNITED STATES DEPARTMENT OF THE INTERIOR, GEOLOGICAL SURVEY. SAID ELEVATION IS MARKED AS BEING 5238 FEET.



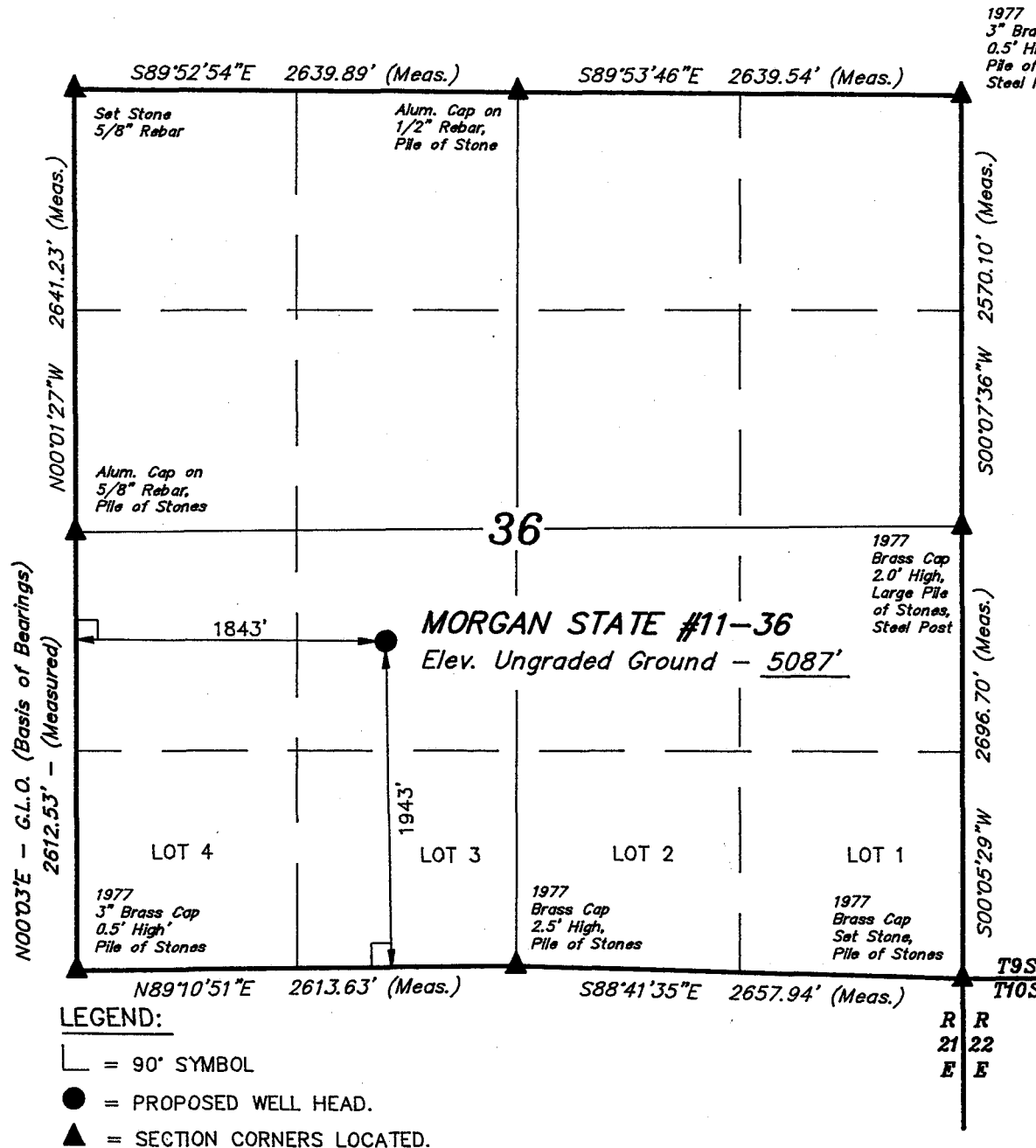
## CERTIFICATE

THIS IS TO CERTIFY THAT THE ABOVE PLAN WAS PREPARED FROM FIELD NOTES OF ACTUAL SURVEYS MADE BY ME OR UNDER MY SUPERVISION AND THAT THE SAME ARE TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.

REGISTERED LAND SURVEYOR  
REGISTRATION NO. 161319  
STATE OF UTAH

**UINTAH ENGINEERING & LAND SURVEYING**  
85 SOUTH 200 EAST - VERNAL, UTAH 84078  
(801) 789-1017

SCALE 1" = 1000'	DATE SURVEYED: 12-06-96	DATE DRAWN: 12-17-96
PARTY D.K. M.C. D.R.B.	REFERENCES G.L.O. PLAT	
WEATHER COLD	FILE COASTAL OIL & GAS CORP.	



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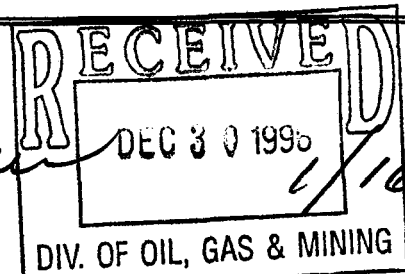
24. Name & Signature: <u>Sheila Bremer</u>	Title: <u>Environmental &amp; Safety Analyst</u>	Date: <u>12/27/96</u>
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API Number Assigned: 43-047-32813

Approval:

J. Matthews Petroleum Engineer



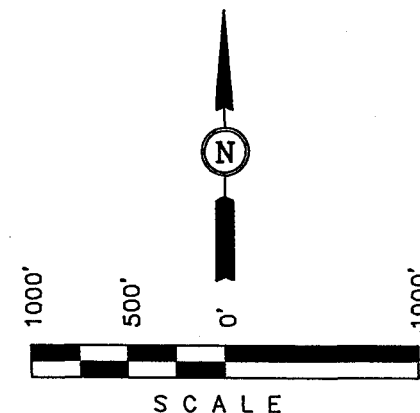
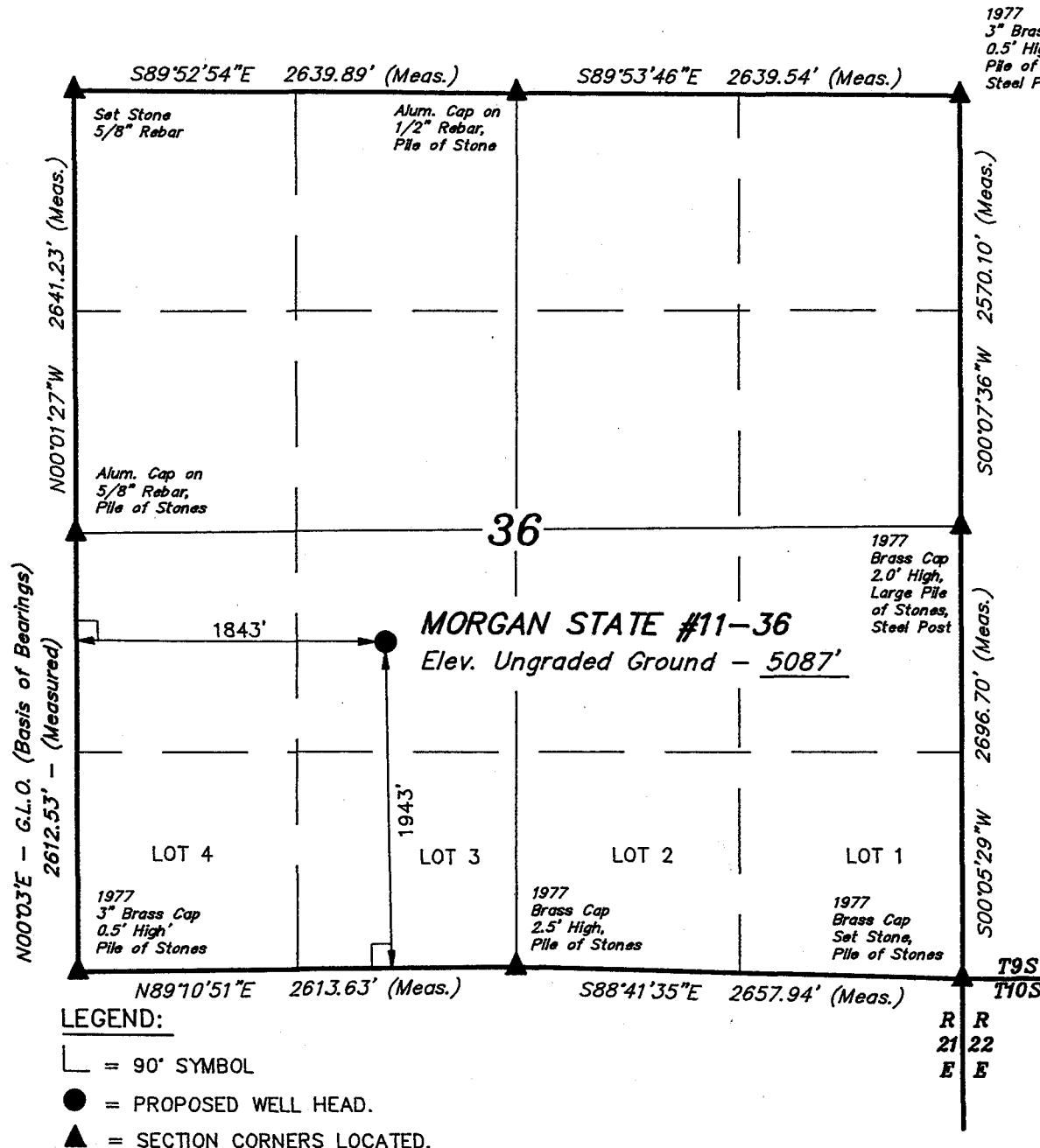
# COASTAL OIL & GAS CORP.

**T9S, R21E, S.L.B.&M.**

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PARTY D.K. M.C. D.R.B.	REFERENCES G.L.O. PLAT	
WEATHER COLD	FILE COASTAL OIL & GAS CORP.	



**MORGAN STATE #11-36  
1943' FSL & 1843' FWL  
NE/SW, SECTION 36-T9S-R21E  
UINTAH COUNTY, UTAH**

**COASTAL OIL & GAS CORPORATION**

***DRILLING PROGRAM***

The proposed wellsite is on State of Utah surface/State of Utah minerals.

1. **Estimated Tops of Important Geologic Markers:**

<u>Formation</u>	<u>Depth</u>
Duchesne River/Uinta	Surface
Green River	1,470'
Wasatch	4,670'
Mesaverde Sand	7,370'
Total Depth	8,200'

2. **Estimated Depths of Anticipated Water, Oil, Gas, or Mineral Formations:**

<u>Substance</u>	<u>Formation</u>	<u>Depth</u>
Oil/Gas	Green River	1,470'
Oil	Wasatch	4,670'
	Mesaverde Sand	7,370'
Gas	Wasatch	4,670'
	Mesaverde Sand	7,370'
Water	N/A	
Other Minerals	N/A	

All fresh water and prospectively valuable minerals encountered during drilling will be recorded by depth and adequately protected. Oil and gas shows will be tested to determine commercial potential.

3. **Pressure Control Equipment:** (Schematic Attached)

- a. The BOP stack will consist of one 11" 3,000 psi annular BOP, one 11" 3,000 psi double ram, and one 11" drilling spool. The lower ram will contain pipe rams, and the upper ram will contain blind rams.
- b. The choke and kill lines and the choke manifold will have a 3,000 psi minimum pressure rating.
- c. Testing: The hydril will be tested to 1,500 psi. The rams, choke manifold, kelly safety valves, drill string safety valves, and inside BOP will be tested to 2,000 psi.

4. **Proposed Casing and Cementing Program:**

- a. The proposed Casing Program will be as follows:

<u>Purpose</u>	<u>Depth</u>	<u>Hole Size</u>	<u>Csg Size</u>	<u>Wt/ft</u>	<u>Grade</u>	<u>Type</u>
Surface	0-250'	12 1/4"	8 5/8"	24#	K-55	ST&C
Production	0-TD	7 7/8"	4 1/2"	11.6#	K-55	LT&C

The surface casing will be tested to 1,500 psi prior to drilling out.

Casing design is subject to revision based on geologic conditions encountered.

- b. The Cement Program will be as follows:

<u>Surface</u>	<u>Fill</u>	<u>Type &amp; Amount</u>
0-250'	250'	Approximately 190 sx Class "G" + 2% CaCl <sub>2</sub> , 15.6 ppg, 1.19 CF/sx.

<u>Production</u>	<u>Type &amp; Amount</u>
500' above productive interval to surface	Lead: Extended, Lite, or Hi-Fill cement + additives, 11 ppg.
TD to 500' above productive interval	Tail: Extended Class "G" or 50:50 Poz + additives, 14 ppg.

For production casing, actual cement volumes will be determined from the caliper log.

For surface casing, waiting on cement time will be adequate to achieve 500 psi compressive strength at the shoe prior to drilling out.

5. **Drilling Fluids Program:**

<u>Interval</u>	<u>Type</u>	<u>Mud Wt.</u>
0-TD'	Air/Air Mist/Aerated Water/Water (As hole conditions warrant.) Depending on hole conditions, the hole will be displaced to either 10 ppg brine or drilling mud prior to logging.	8.4 ppg or less

No chromate additives will be used in the mud system without prior approval to ensure adequate protection of fresh water aquifers.

**6. Evaluation Program:****a. Logging Program:**

DLL/SP: Base of surface casing to TD  
GR/Neutron Density: 2500'-TD

Drill Stem Tests: None anticipated.

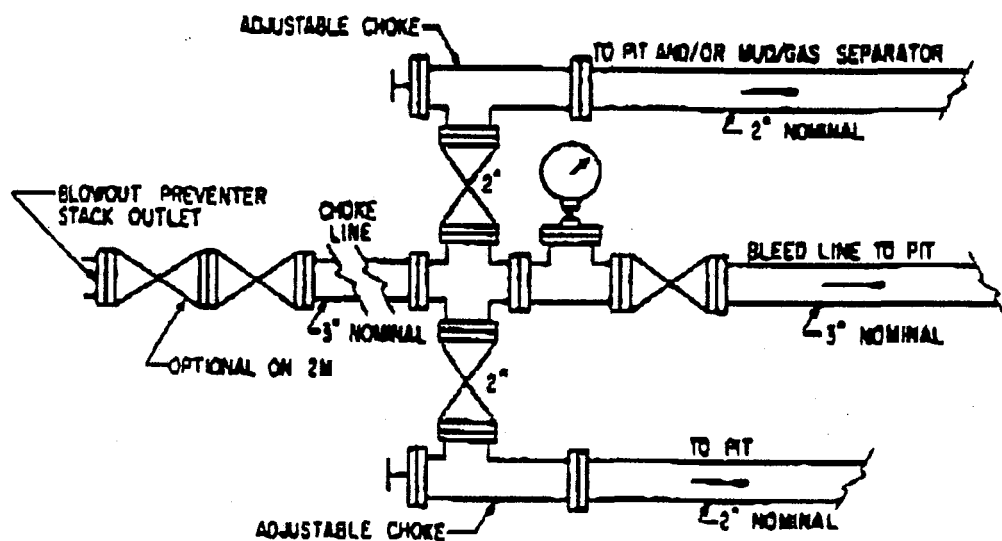
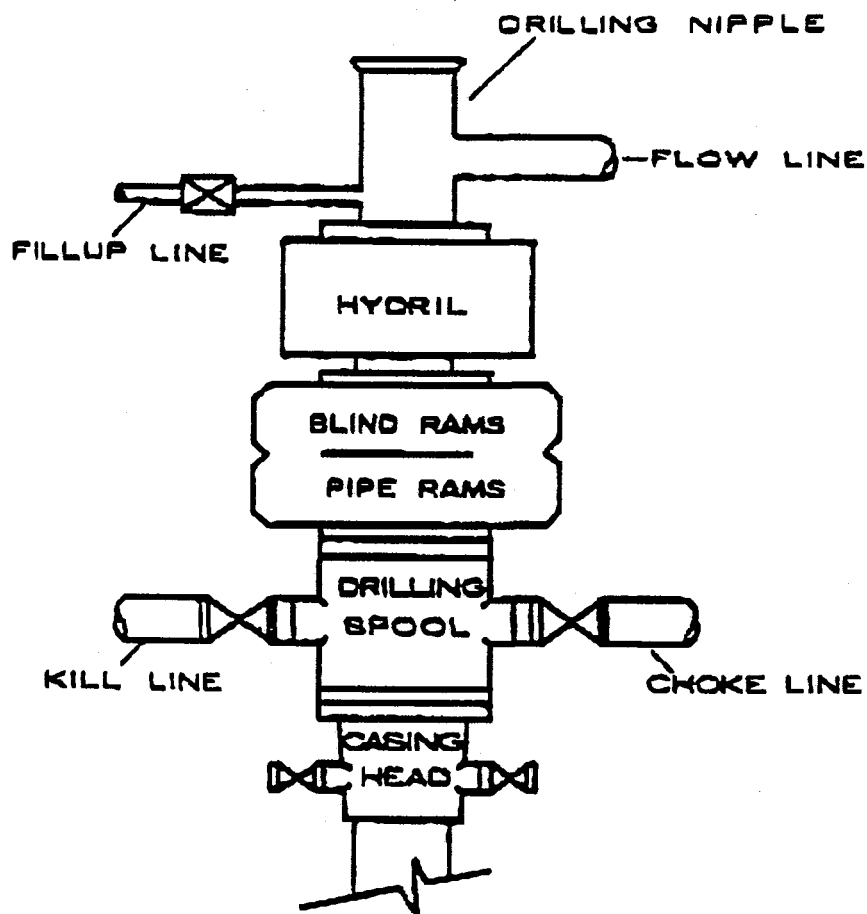
The Evaluation Program may change at the discretion of the well site geologist.

- b. No drill stem tests, stimulation, or frac treatment has been formulated for this well at this time; however, the drill site, as approved, will be of sufficient size to accommodate all completion activities. Any frac treatment program specifics will be submitted via sundry notices.

**7. Abnormal Conditions:**

No abnormal temperatures or pressures are anticipated. No hydrogen sulfide has been encountered in or is known to exist from previous drilling in the area at this depth. Maximum anticipated bottomhole pressure approximately equals 3,280 psi (calculated at 0.4 psi/foot) and maximum anticipated surface pressure equals approximately 1,476 psi (bottomhole pressure minus the pressure of a partially evacuated hole calculated at 0.22 psi/foot).

3,000 psi  
BOP STACK



**MORGAN STATE #11-36  
1943' FSL & 1843' FWL  
NE/SW, SECTION 36-T9S-R21E  
UINTAH COUNTY, UTAH**

**COASTAL OIL & GAS CORPORATION**

***MULTI-POINT SURFACE USE & OPERATIONS PLAN***

*This Surface Use and Operations Plan is subject to change pending completion of the on-site inspection.*

**1. Existing Roads:**

The proposed wellsite is approximately 49.3 miles southwest of Vernal, Utah.

Directions to the location from Vernal, Utah, are:

Proceed westerly from Vernal on U.S. Highway 40 approximately 14.0 miles to the junction of State Highway 88; exit left and proceed south approximately 17.0 miles on State Highway 88 to Ouray, Utah; proceed south from Ouray approximately 6.9 miles on the Seep Ridge Road to the junction of this road and an existing oil field service road to the east; turn left and proceed in an easterly direction approximately 5.0 miles to the junction of this road and an existing road to the north; turn left and proceed in a northerly direction approximately 0.3 miles to the junction of this road and an existing road to the northeast; turn right and proceed in a northeasterly direction approximately 3.9 miles to the junction of this road and an existing road to the south; turn right and proceed in a southerly direction approximately 1.0 miles to the junction of this road and an existing road to the south; proceed in a southerly direction approximately 0.7 miles to junction of this road and an existing road to the northeast; turn left and proceed in a northeasterly direction approximately 0.1 miles to the beginning of the proposed access road to the south; proceed in a southerly then westerly then southeasterly direction approximately 0.4 miles to the proposed location.

Refer to Topo Maps A and B for location of access roads within a 2 mile radius.

*Improvements to existing access roads shall be determined at the on-site inspection.*

All existing roads will be maintained and kept in good repair during all drilling and completion operations associated with this well.

**2. Planned Access Roads:**

Approximately 0.4 miles of new access will be required. The new access road will be crowned and ditched with a running surface of 18 feet and a maximum disturbed width of 30 feet, *unless modified at the on-site inspection*. Appropriate water control will be installed to control erosion.

*Existence of pipelines; maximum grade; turnouts; major cut and fills, culverts, or bridges; gates, cattle guards, fence cuts, or modifications to existing facilities shall be determined at the on-site.*

The access road was centerline flagged during time of staking.

Surfacing material may be necessary, depending upon weather conditions.

Surface disturbance and vehicular traffic will be limited to the approved location and approved access route. Any additional area needed will be approved in advance.

3. **Location of Existing Wells Within a 1-Mile Radius:** (See Map C)

- a. Water wells - 0
- b. Producing wells - 23
- c. Drilling wells - 0
- d. Shut-in wells - 0
- e. Temporarily abandoned wells - 0
- f. Disposal wells - 0
- g. Abandoned wells - 1
- h. Injection wells - 0

4. **Location of Existing and Proposed Facilities:**

The following guidelines will apply if the well is productive.

- a. All production facilities will be located on the disturbed portion of the well pad and at a minimum of 25 feet from the toe of the back slope or the top of the fill slope.
- b. A dike will be constructed completely around those production facilities which contain fluids (i.e., production tanks, produced water tanks, and/or heater/treater). These dikes will be constructed of compacted subsoil, be impervious, hold 100% of the capacity of the largest tank, and be independent of the back cut.
- c. All permanent (on-site six months or longer) above the ground structures constructed or installed, including pumping units, will be painted a flat, non-reflective, earthtone color to match one of the standard environmental colors, as determined by the five state Rocky Mountain Inter-Agency Committee.

All facilities will be painted within six months of installation. Facilities required to comply with the Occupational Safety and Health Act (OSHA) will be excluded. The required color is Desert Brown, Munsell standard color number 10 YR 6/3.

- d. Any necessary pits will be properly fenced to protect livestock and prevent wildlife entry.
- e. The proposed pipeline will leave the well pad in a westerly direction for an approximate distance of 1000' to tie into an existing pipeline. Please see Map D.

5. **Location and Type of Water Supply:**

Water for drilling purposes will be obtained from Dalbo Inc.'s underground well located in Ouray, Utah, Section 32-T4S-R3E, Water User Claim #43-8496, Application #53617.

Water will be hauled to location over the roads marked on Maps A and B.

No water well is to be drilled on this lease.

6. **Source of Construction Materials:**

Surface and subsoil materials in the immediate area will be utilized.

Any gravel will be obtained from a commercial source.

7. **Methods of Handling Waste Materials:**

- a. Drill cuttings will be contained and buried in the reserve pit.
- b. Drilling fluids, including salts and chemicals, will be contained in the reserve pit. Upon termination of drilling and completion operations, the liquid contents of the reserve pit will be removed and disposed of at an approved waste disposal facility within 120 days after drilling is terminated.
- c. The reserve pit will be constructed on the location and will not be located within natural drainages, where a flood hazard exists or surface runoff will destroy or damage the pit walls. The reserve pit will be constructed so that it will not leak, break, or allow discharge of liquids. *The need for a reserve pit liner will be determined at the on-site inspection.*

If a plastic reinforced liner is used, it will be a minimum of 12 mil thick, with sufficient bedding used to cover any rocks. The liner will overlap the pit walls and be covered with dirt and/or rocks to hold it in place. No trash or scrap that could puncture the liner will be disposed of in the pit.

- d. Any spills of oil, gas, salt water, or other noxious fluids will be immediately cleaned up and removed to an approved disposal site.
- e. A chemical porta-toilet will be furnished with the drilling rig.
- f. Garbage, trash, and other waste materials will be collected in a portable, self-contained, fully enclosed trash cage during operations. No trash will be burned on location.
- g. All debris and other waste material not contained in the trash cage will be cleaned up and removed from the location immediately after removal of the drilling rig.

Any open pits will be fenced during the operations. The fencing will be maintained until such time as the pits are backfilled.

- h. No chemicals subject to reporting under SARA Title III (hazardous materials) in an amount greater than 10,000 pounds will be used, produced, stored, transported, or disposed of annually in association with the drilling of this well. Furthermore, no extremely hazardous substances, as defined in 40 CFR 355, in threshold planning quantities, will be used, produced, stored, transported, or disposed of in association with the drilling of this well.

8. **Ancillary Facilities:**

None are anticipated.

9. **Well Site Layout:** (See Location Layout Diagram)

The attached Location Layout Diagram describes drill pad cross-sections, cuts and fills, and locations of the mud tanks, reserve pit, flare pit, pipe racks, trailer parking, spoil dirt stockpile(s), and surface material stockpile(s). *This section is subject to modification as a result of the on-site inspection.*

See the attached diagram to describe rig orientation, parking areas, and access roads.

- a. The reserve pit will be located on the west side of the location.
- b. The stockpiled topsoil (first six inches) will be stored on the south side of the location. All brush removed from the well pad during construction will be stockpiled separately from the topsoil.
- c. The flare pit will be located on the west side of the location, downwind from the prevailing wind direction.
- d. Access will be from the southwest.
- e. All pits will be fenced according to the following minimum standards:

39 inch net wire will be used with at least one strand of barbed wire on top of the net wire. Barbed wire is not necessary if pipe or some type of reinforcement rod is attached to the top of the entire fence.

The net wire shall be no more than two inches above the ground. The barbed wire shall be three inches over the net wire. Total height of the fence shall be at least 42 inches.

Corner posts shall be cemented and/or braced in such a manner to keep the fence tight at all times.

Standard steel, wood, or pipe posts shall be used between the corner braces. Maximum distance between any 2 fence posts shall be no greater than 16 feet.

All wire shall be stretched, by using a stretching device, before it is attached to corner posts.



- f. The reserve pit fencing will be on three sides during drilling operations, and on the fourth side when the rig moves off location. Pits will be fenced and maintained until cleanup.

10. **Plans for Reclamation of the Surface:**

a. Producing Location:

Immediately upon well completion, the location and surrounding area will be cleared of all unused tubing, materials, trash, and debris not required for production.

Immediately upon well completion, any hydrocarbons in the pit shall be removed in accordance with 43 CFR 3162.7-1.

If a plastic, nylon reinforced liner is used, it shall be torn and perforated before backfilling of the reserve pit.

Before any dirt work associated with location restoration takes place, the reserve pit shall be as dry as possible. All debris in it will be removed. Other waste and spoil materials will be disposed of immediately upon completion of operations.

The reserve pit and that portion of the location not needed for production facilities/operations will be recontoured to the approximate natural contours. The reserve pit will be reclaimed within 90 days from the date of well completion, weather permitting.

To prevent surface water(s) from standing (ponding) on the reclaimed reserve pit area, final reclamation of the reserve pit will consist of "mounding" the surface three feet above surrounding ground surface to allow the reclaimed pit area to drain effectively.

Upon completion of backfilling, leveling, and recontouring, the stockpiled topsoil will be spread evenly over the reclaimed area(s).

b. Dry Hole/Abandoned Location:

Abandoned well sites, roads, and other disturbed areas will be restored as near as practical to their original condition. Where applicable, these conditions include the re-establishment of irrigation systems, the re-establishment of appropriate soil conditions, and the re-establishment of vegetation as specified.

All disturbed surfaces will be recontoured to the approximate natural contours, with reclamation of the well pad and access road to be performed as soon as practical after final abandonment. Reseeding operations will be performed after completion of other reclamation operations.

11. **Surface Ownership:**

a. Access Roads - The proposed access road is located on lands owned by:

- State of Utah  
Division of State Lands & Forestry

b. Well Pad - The well is located on land owned by:

- State of Utah  
Division of State Lands & Forestry  
3 Triad Center, #400  
Salt Lake City, Utah 84180-1204

12. **Other Information:**

- All lease and/or unit operations will be conducted in such a manner that full compliance is made with all applicable laws, regulations, the approved Plan of Operations, and any applicable Notice of Lessees. The Operator is fully responsible for the actions of his subcontractors. A copy of these conditions will be furnished to the field representative to ensure compliance.
- The Operator will control noxious weeds along right-of-ways for roads, pipelines, well sites, or other applicable facilities.
- Arch clearance for Section 36-T9S-R21E was obtained from Mr. Jim Cooper, Utah State Lands Trust.

13. **Lessee's or Operators's Representative and Certification:**

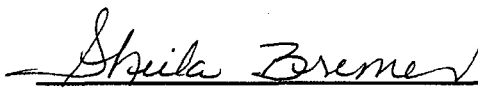
Sheila Bremer  
Environmental & Safety Analyst  
Coastal Oil & Gas Corporation  
P.O. Box 749  
Denver, CO 80201-0749  
(303) 573-4455

Keith Alverson  
Drilling Manager  
(713) 877-6354

Certification: All lease and/or unit operations will be conducted in such a manner that full compliance is made with all applicable laws, regulations, the approved Plan of Operations, and any applicable Notice to Lessees.

The Operator will be fully responsible for the actions of its subcontractors. A complete copy of the approved "Application for Permit to Drill" will be furnished to the field representative(s) to ensure compliance and shall be on location during all construction and drilling operations.

I hereby certify that I, or persons under my supervision, have inspected the proposed drill site and access route, that I am familiar with the conditions that currently exist; that the statements made in this plan are, to the best of my knowledge, true and correct; and the work associated with the operations proposed herein will be performed by the operator, its contractors and subcontractors in conformity with this plan and the terms and conditions under which it is approved.

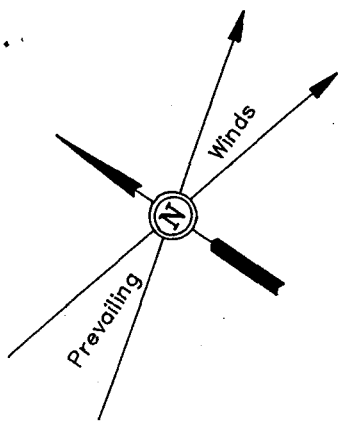
  
Sheila Bremer

12/27/96  
Date

# COASTAL OIL & GAS CORP.

FIGURE #1

LOCATION LAYOUT FOR  
MORGAN STATE #11-36  
SECTION 36, T9S, R21E, S.L.B.&M.  
1943' FSL 1843' FWL

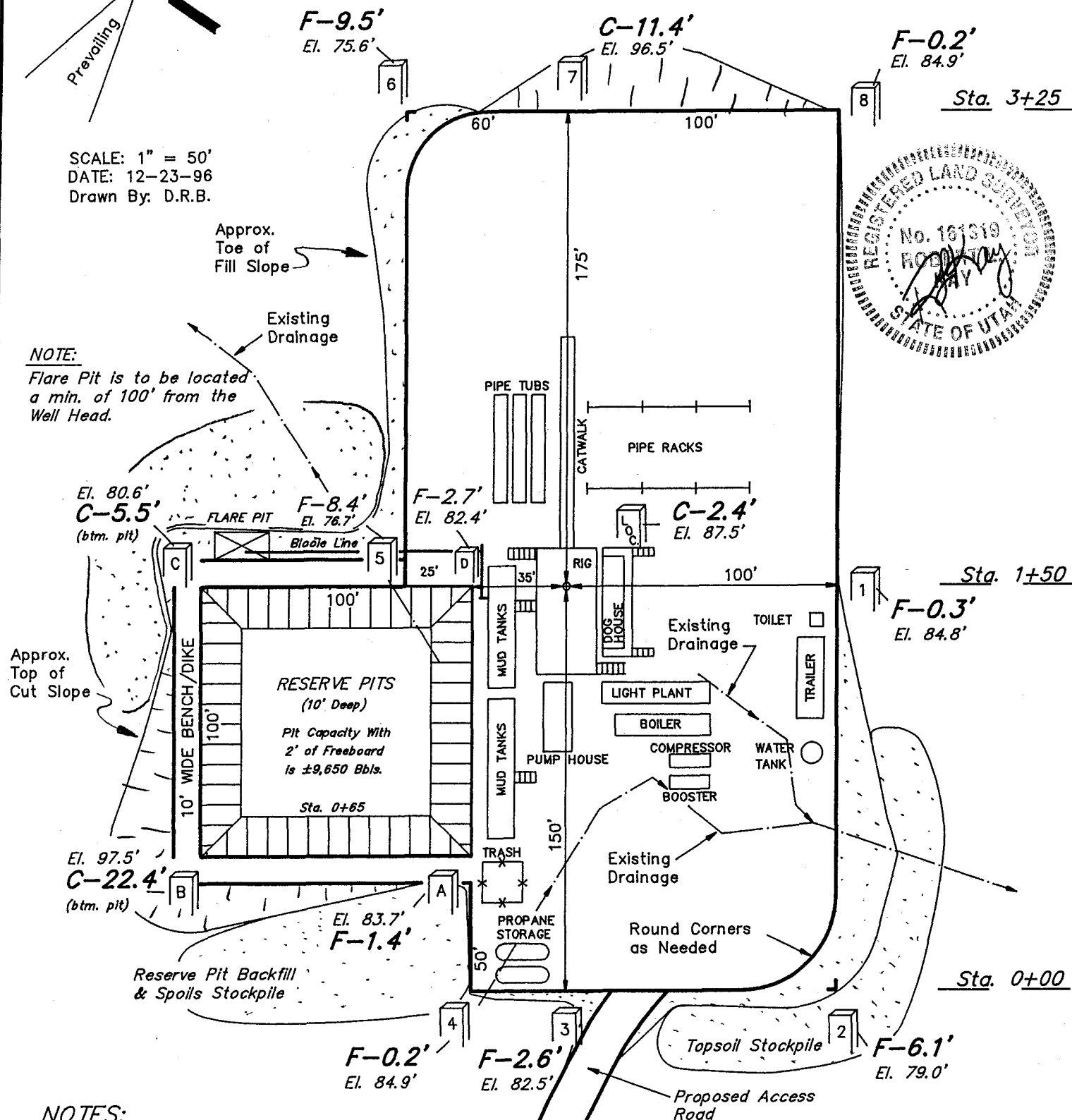


SCALE: 1" = 50'  
DATE: 12-23-96  
Drawn By: D.R.B.

Approx.  
Toe of  
Fill Slope

## NOTE:

Flare Pit is to be located  
a min. of 100' from the  
Well Head.



## NOTES:

Elev. Ungraded Ground At Loc. Stake = 5087.5'

FINISHED GRADE ELEV. AT LOC. STAKE = 5085.1'

UINTAH ENGINEERING & LAND SURVEYING  
85 South 200 East Vernal, Utah

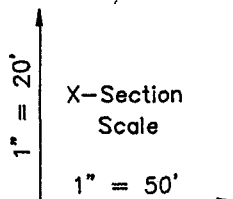
# COASTAL OIL & GAS CORP.

## TYPICAL CROSS SECTIONS FOR

MORGAN STATE #11-36

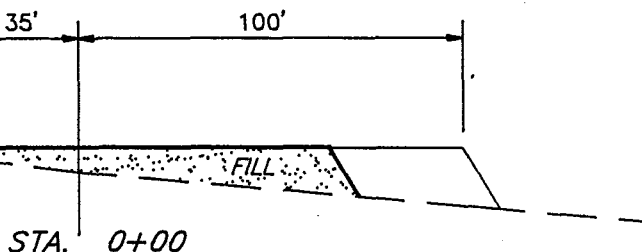
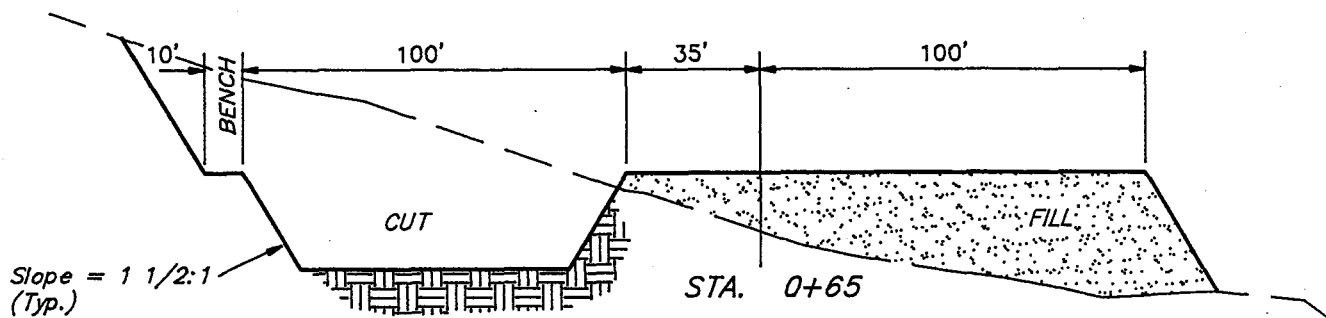
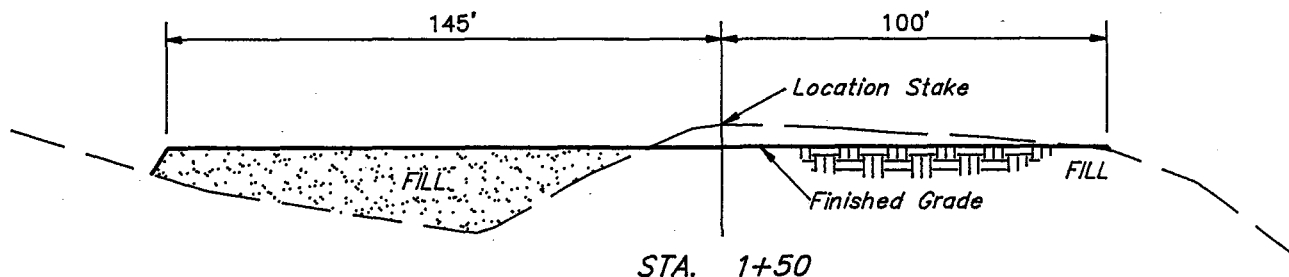
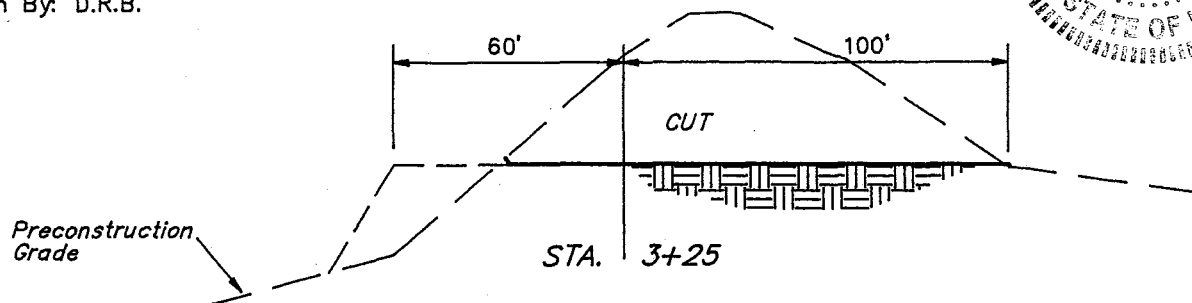
SECTION 36, T9S, R21E, S.L.B.&M.

1943' FSL 1843' FWL



DATE: 12-23-96

Drawn By: D.R.B.



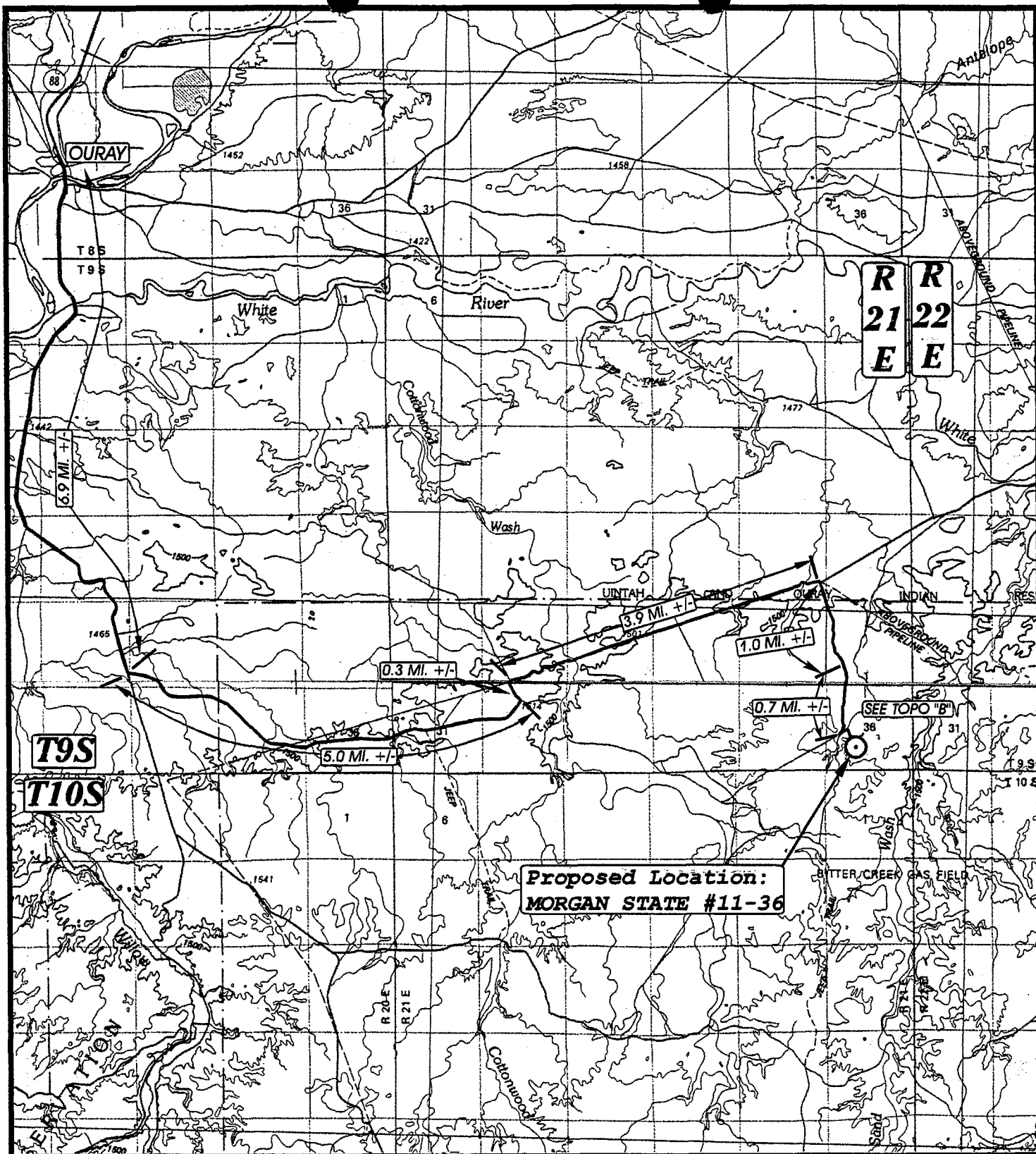
### FIGURE #2

#### APPROXIMATE YARDAGES

CUT	
(6") Topsoil Stripping	= 1,080 Cu. Yds.
Remaining Location	= 7,910 Cu. Yds.
<b>TOTAL CUT</b>	<b>= 8,990 CU.YDS.</b>
<b>FILL</b>	<b>= 6,240 CU.YDS.</b>

EXCESS MATERIAL AFTER 5% COMPACTION	= 2,420 Cu. Yds.
Topsoil & Pit Backfill (1/2 Pit Vol.)	= 2,420 Cu. Yds.
EXCESS UNBALANCE (After Rehabilitation)	= 0 Cu. Yds.

UINTAH ENGINEERING & LAND SURVEYING  
85 South 200 East Vernal, Utah



UELS

**TOPOGRAPHIC  
MAP "A"**

DATE: 12-19-96  
Drawn by: C.G.

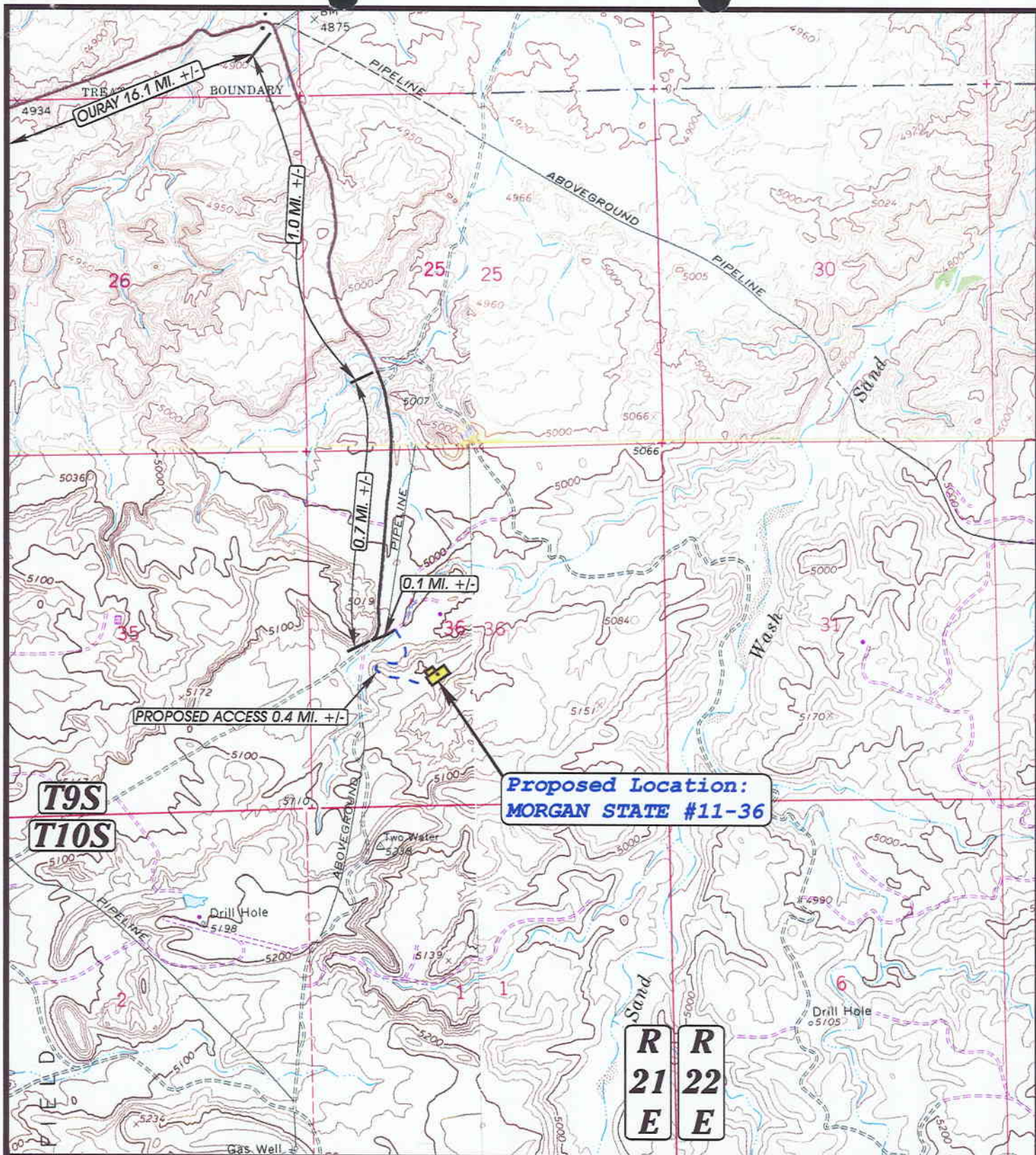


**COASTAL OIL & GAS CORP.**

**MORGAN STATE #11-36  
SECTION 36, T9S, R21E, S.L.B.&M.  
1943' FSL 1843' FWL**

UINTAH ENGINEERING & LAND SURVEYING  
85 So. 200 East • Vernal, Utah 84078 • (801) 789-1017





UELS

TOPOGRAPHIC  
MAP "B"

DATE: 12-19-96  
Drawn by: C.G.

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85 So. 200 East \* Vernal, Utah 84078 \* (801) 789-1017

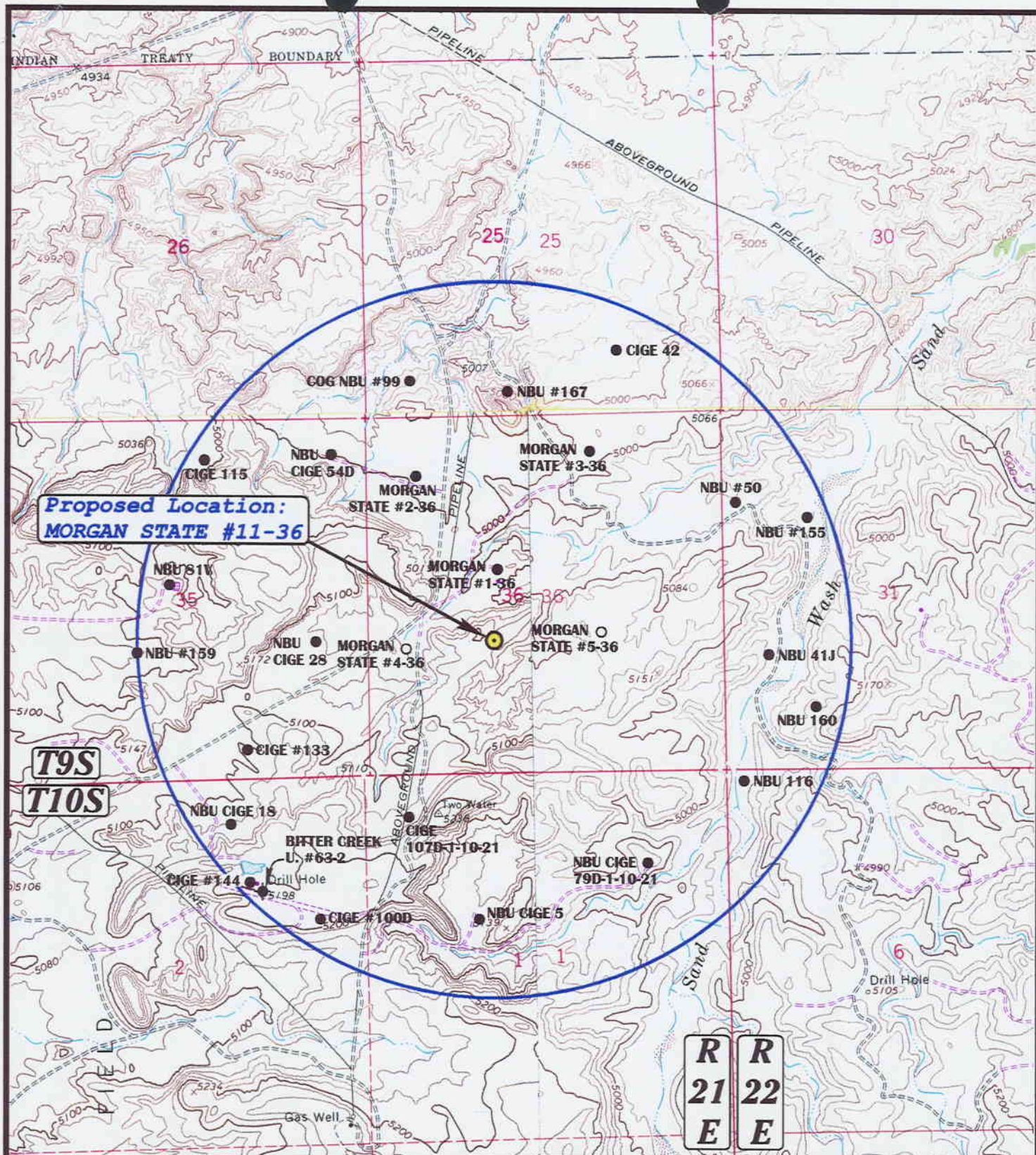


SCALE: 1" = 2000'

COASTAL OIL & GAS CORP.

MORGAN STATE #11-36  
SECTION 36, T9S, R21E, S.L.B.&M.  
1943' FSL 1843' FWL





**LEGEND:**

- WELLS**
- Water Wells
  - Abandoned Wells
  - Temporarily Abandoned Wells
  - Disposal Wells
  - Drilling Wells
  - Producing Wells
  - Shut-in Wells

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SCALE: 1" = 2000

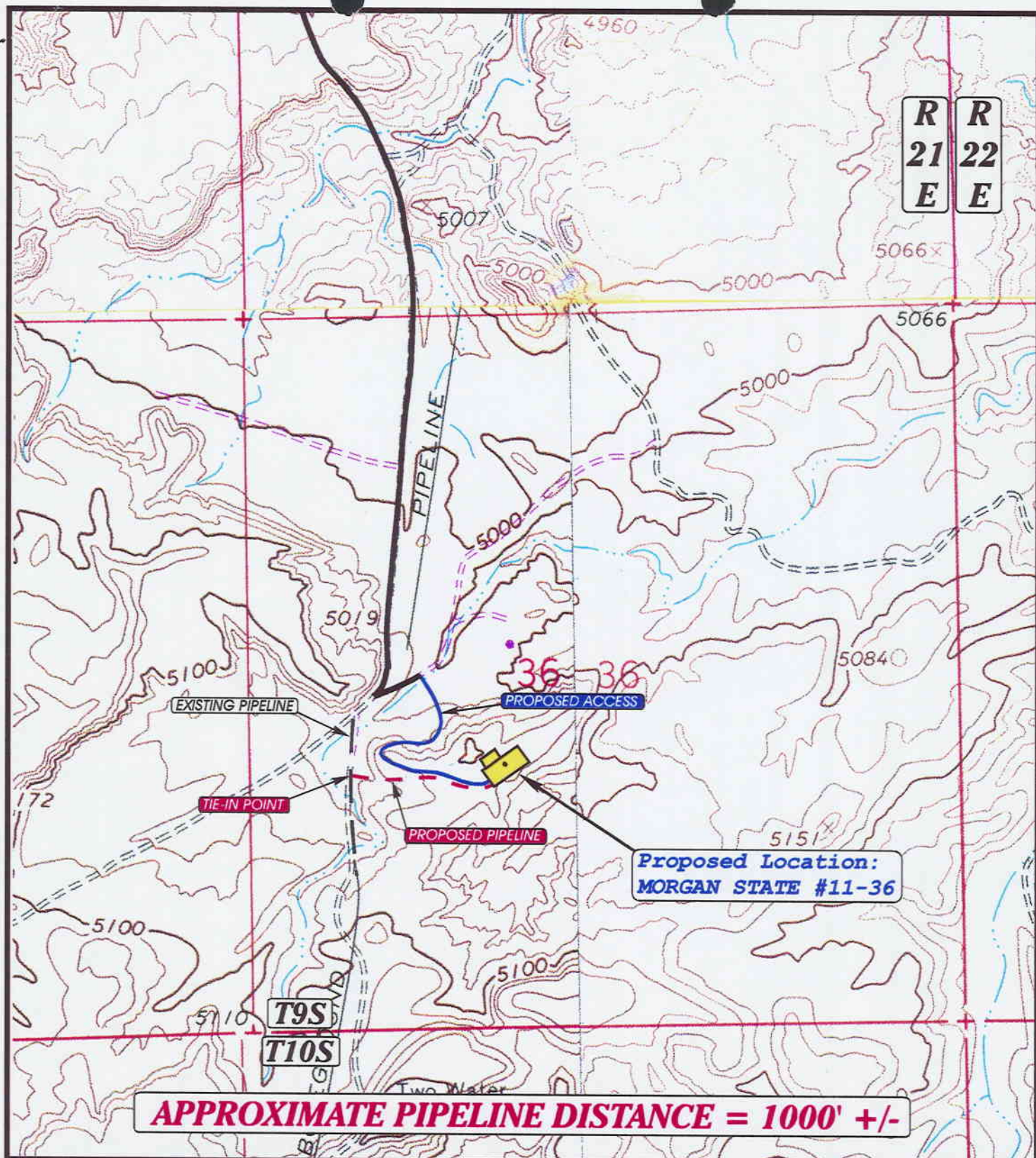
**COASTAL OIL & GAS CORP..**

**MORGAN STATE #11-36**  
**SECTION 36, T9S, R21E, S.L.B.&M.**

**TOPOGRAPHIC MAP "C"**

**DATE: 12-23-96**  
**DRAWN BY: D.COX**





**UELS**

**TOPOGRAPHIC  
MAP "D"**

--- Existing Pipeline  
- - - Proposed Pipeline

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85 So. 200 East • Vernal, Utah 84078 • (801) 789-1017



SCALE: 1" = 1000'

**COASTAL OIL & GAS CORP..**

**MORGAN STATE #11-36  
SECTION 36, T9S, R21E, S.L.B.&M.**

DATE: 12-23-96  
Drawn by: D.COX



WORKSHEET  
APPLICATION FOR PERMIT TO DRILL

APD RECEIVED: 12/30/96

API NO. ASSIGNED: 43-047-32813

WELL NAME: MORGAN STATE 11-36  
OPERATOR: COASTAL OIL & GAS CORP (N0230)

PROPOSED LOCATION:

NESW 36 - T09S - R21E  
SURFACE: 1943-FSL-1843-FWL  
BOTTOM: 1943-FSL-1843-FWL  
UINTAH COUNTY  
NATURAL BUTTES FIELD (630)

LEASE TYPE: STA  
LEASE NUMBER: ML - 22265

PROPOSED PRODUCING FORMATION: MVRD

INSPECT LOCATION BY: 01/15/97

TECH REVIEW	Initials	Date
Engineering		
Geology		
Surface		

RECEIVED AND/OR REVIEWED:

☒ Plat  
☒ Bond: Federal ☐ State ☒ Fee ☐  
(Number 102103)  
☒ Potash (Y/N)  
☒ Oil shale (Y/N)  
☒ Water permit  
(Number 43-8496)  
☒ RDCC Review (Y/N)  
(Date: \_\_\_\_\_)

LOCATION AND SITING: Natural Buttes

☒ R649-2-3. Unit: UTU 63047X  
\_\_\_\_ R649-3-2. General.  
\_\_\_\_ R649-3-3. Exception.  
\_\_\_\_ Drilling Unit.  
\_\_\_\_ Board Cause no: \_\_\_\_\_  
\_\_\_\_ Date: \_\_\_\_\_

COMMENTS: \_\_\_\_\_

STIPULATIONS: \_\_\_\_\_

**STATE OF UTAH, DIV OF OIL, GAS & MINERALS**

<b>Operator:</b> COASTAL OIL & GAS CORP	<b>Well Name:</b> MORGAN STATE 11-36
<b>Project ID:</b> 43-047-32813	<b>Location:</b> SEC 36 - T9S - R21E

Design Parameters:

Mud weight ( 8.90 ppg) : 0.462 psi/ft  
 Shut in surface pressure : 3130 psi  
 Internal gradient (burst) : 0.081 psi/ft  
 Annular gradient (burst) : 0.000 psi/ft  
 Tensile load is determined using air weight  
 Service rating is "Sweet"

Design Factors:

Collapse : 1.125  
 Burst : 1.00  
 8 Round : 1.80 (J)  
 Buttress : 1.60 (J)  
 Other : 1.50 (J)  
 Body Yield : 1.50 (B)

Length (feet)		Size (in.)	Weight (lb/ft)	Grade	Joint	Depth (feet)	Drift (in.)	Cost
1	8,200	4.500	11.60	K-55	LT&C	8,200	3.875	
	Collapse Load Strgth S.F. (psi) (psi)			Burst Load (psi)	Min Int Yield Strgth S.F. (psi)	Tension Load Strgth S.F. (kips) (kips)		
1	3791	4960	1.308	3791	5350	1.41	95.12	180 · 1.89 J

Prepared by : MATTHEWS, Salt Lake City, Utah  
 Date : 01-16-1997  
 Remarks :

GREEN RIVER

WASTACH MESAVERDE

Minimum segment length for the 8,200 foot well is 1,500 feet.

SICP is based on the ideal gas law, a gas gravity of 0.69, and a mean gas temperature of 131°F (Surface 74°F , BHT 189°F & temp. gradient 1.400°/100 ft.)

String type: Production

The mud gradient and bottom hole pressures (for burst) are 0.462 psi/ft and 3,791 psi, respectively.

**NOTE:** The design factors used in this casing string design are as shown above. As a general guideline, Lone Star Steel recommends using minimum design factors of 1.125 - collapse (with evacuated casing), 1.0 - (uniaxial) burst, 1.8 - API 8rd tension, 1.6 - buttress tension, 1.5 - body yield tension, and 1.6 - EUE 8rd tension. Collapse strength under axial tension was calculated based on the Westcott, Dunlop and Kemler curve. Engineering responsibility for use of this design will be that of the purchaser.  
 Costs for this design are based on a 1987 pricing model. (Version 1.07)

**STATE OF UTAH, DIV OF OIL, GAS & MINERALS**

<b>Operator: COASTAL OIL &amp; GAS CORP</b>	<b>Well Name: MORGAN STATE 11-36</b>
<b>Project ID: 43-047-32813</b>	<b>Location: SEC 36 - T9S - R21E</b>

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	Collapse Load Strgth S.F. (psi) (psi)			Burst Load (psi)	Min Int Strgth (psi)	Yield S.F.	Tension Load Strgth S.F. (kips) (kips)		
1	3791	4960	1.308	3791	5350	1.41	95.12	180	1.89 J

Prepared by : MATTHEWS, Salt Lake City, Utah

Date : 01-16-1997

Remarks :

WASTACH MESAVERDE

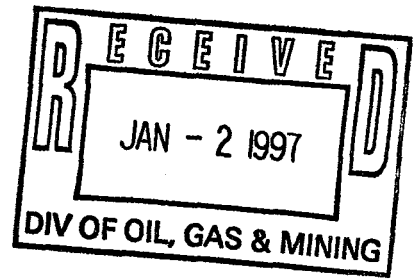
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 Costs for this design are based on a 1987 pricing model. (Version 1.07)



COASTAL OIL & GAS CORPORATION

MORGAN STATE #11-36

NE/SW SECTION 36, T9S, R21E, S.L.B.&M.

UINTAH COUNTY, UTAH

PALEONTOLOGY REPORT

BY

ALDEN H. HAMBLIN  
PALEONTOLOGIST  
P.O. BOX 731  
VERNAL, UTAH 84078

DECEMBER 19, 1996

RESULTS OF PALEONTOLOGY SURVEY AT MORGAN STATE #11-36, NE/SW SECTION 36, T9S, R21E, UTAH COUNTY, UTAH.

Description of Geology and Topography-

All Rock outcrops in this area are of the Upper Eocene Uinta Formation. The Uinta Formation is primarily composed of fluvial deposits (stream laid) and is seen in the field as a series of interbedded sandstones and mudstones. Most of the sandstones represent paleostream channels and are usually lens shaped in cross section and shoe string-like horizontally. The mudstones usually represent over the bank deposits on ancient flood plains and quite often contain fossils. Fossils also occur in some of the sandstones. The Uinta Formation is known for its fossil vertebrate fauna of mammals, turtles, crocodilians, and occasional fish remains. Plant fossils, though not common have also been found in the Uinta Formation.

The proposed well sits in a saddle on the south side of a ridge. The ridge west and east of the wellpad is capped with sandstone. The rest of the wellpad area is interbedded sandstone and mudstone. This location has a fairly long access road. It starts from the north, crosses a flat bottom drainage to the north slope of the ridge the wellpad sits on. The road then turns west and angles up the slope and around the west end of the ridge and approaches the wellpad from the west. Other than in the flat bottom drainage, the road is on sandstone and mudstone exposures of the Uinta Formation.

The well location was visited on December 10, and again on December 16. During the second visit most of the wellpad area and about 1/3 of the access road were relatively free of snow. The first 2/3's of the road was still snow covered.

Fossil Material found-

During the December 10 visit, several weathered turtle shell fragments were found at the east end of the wellpad. More fragments were found in this area on the second visit. These fragments were all too weathered to permit identification of the genus. They appeared to have weathered out of the sandstone outcrop. Several other isolated fragments were seen about the wellpad, but nothing significant. Another isolated fragment or two was found on the access road, but again, nothing significant was found.

**Recommendations-**

The fossils found on the wellpad are not critical in that they are fairly weathered and otherwise in poor shape. The wellpad will be cleared for paleontology.

It would be good to take a look at the first part of the road which is under snow now, but it probably will not be clear until spring. If there is an urgency to build this location before the snow melts, the first part of the road could be waived for paleontology based on what was seen on the location and the last part of the road.

There is always some potential for encountering vertebrate fossils when working in the Uinta Formation. If important looking fossil material is found, a paleontologist should be called to evaluate it.

*Alden H. Humble*  
PALEONTOLOGIST

*December 24, 1996*  
DATE

United States  
Department of the Interior  
Bureau of Land Management

Paleontological Locality Form

1. Permit #/Permittee: Alden H. Hamblin
2. Repository/Accn. #: UTAH FIELD HOUSE OF NATURAL HISTORY
3. Locality #: 42UN10 V [ ] Plant [X] Vertebrate [ ] Invertebrate [ ] Other
4. Formation (and subdivision, if known): Uinta Formation, lower member
5. Age: Late Eocene
6. County: UINTAH
7. BLM District: VERNAL -UTAH STATE LAND
8. Resource Area: Natural Butte Field
9. Map name: Big Pack Mt. NE, Utah
10. Map source: U.S.G.S. 7 1/2 min. Quad.
11. Map scale: 1:24,000
12. Map edition: 1968, Photorevised- 1987
13. Latitude (deg., min., sec., direction): \_\_\_\_\_
14. Longitude (deg., min., sec., direction): \_\_\_\_\_
- or: UTM Grid Zone: 12 T 627906 mE 4427627 mN
15. Survey (Section, Township & Range): SE/NE/NE/SW, Sec. 36, T9S, R21E, SLB&M
16. Taxa observed/collected: During the December 10 visit, several weathered turtle shell fragments were found at the east end of the wellpad. More fragments were found in this area on the second visit. These fragments were all too weathered to permit identification of the genus. They appeared to have weathered out of the sandstone outcrop. Several other isolated fragments were seen about the wellpad, but nothing significant. Another isolated fragment or two was found on the access road, but again, nothing significant was found.
17. Discoverer(s)/Collector(s): Alden H. Hamblin
18. Date(s): December 10 & 16, 1996
19. Locality Classification: Class 1\_\_\_\_ Class 2\_\_\_\_ Class 3 X Class 4\_\_\_\_ Class 5\_\_\_\_  
(1 = Critical, 2 = Significant, 3 = Important, 4 = Insignificant, 5 = Unimportant)
20. Remarks: This fossil site was found during the paleontology survey of Coastal Oil & Gas well Morgan State #11-36.

4164 III SW  
(RED WASH SW)



WELL LOCATION 11-36



ON-SITE PREDRILL EVALUATION

Division of Oil, Gas and Mining

OPERATOR: COASTAL OIL & GAS CORP.

WELL NAME & NUMBER: MORGAN STATE 11-36

API NUMBER: 43-047-32813

LEASE: ML-22265 FIELD/UNIT: NATURAL BUTTES

LOCATION: 1/4, 1/4 NE/SW Sec: 36 TWP: 9S RNG: 21E 1943' FSL 1843' FWL

LEGAL WELL SITING: 1843F SEC. LINE; 523F 1/4, 1/4 LINE;     F ANOTHER WELL.

GPS COORD (UTM): 12627876E 4427637N

SURFACE OWNER: STATE OF UTAH

PARTICIPANTS

DAVID W. HACKFORD (DOGM), SHIELA BREMER, PAUL BRESHEARS (COGC),  
ROBERT KAY (UELS), HARLEY JACKSON (JACKSON CONSTRUCTION), JIM JUSTICE  
(J-WEST).

REGIONAL/LOCAL SETTING & TOPOGRAPHY

SIGHT IS ON TOP OF A RIDGE RUNNING EAST AND WEST IN THE BOTTOM OF A  
SADDLE. DRY WATERCOURSES ARE 500' NORTH AND SOUTH OF SITE RUNNING  
EAST.

     CURRENT SURFACE USE: MINIMAL LIVESTOCK AND WILDLIFE GRAZING.

     PROPOSED SURFACE DISTURBANCE: LOCATION WILL BE 325' BY 235'.

LOCATION OF EXISTING WELLS WITHIN A 1 MILE RADIUS: SEE ATTACHED MAP  
FROM GIS DATABASE.

LOCATION OF PRODUCTION FACILITIES AND PIPELINES: ALL PRODUCTION  
FACILITIES WILL BE ON LOCATION.

SOURCE OF CONSTRUCTION MATERIAL: ALL CONSTRUCTION MATERIAL WILL BE  
BORROWED FROM THIS SITE DURING CONSTRUCTION AND IS NATIVE.

ANCILLARY FACILITIES: NONE WILL BE REQUIRED

WASTE MANAGEMENT PLAN:

DRILLED CUTTINGS WILL BE SETTLED INTO RESERVE PIT. SEWAGE  
FACILITIES, STORAGE AND DISPOSAL WILL BE HANDLED BY COMMERCIAL  
CONTRACTOR. TRASH WILL BE CONTAINED IN TRASH BASKETS AND HAULED TO A  
LANDFILL. ANY AND ALL HAZARDOUS WASTES WILL BE DISPOSED OF OFFSITE AT

AN APPROVED FACILITY.

ENVIRONMENTAL PARAMETERS

AFFECTED FLOODPLAINS AND/OR WETLANDS: NONE.

FLORA/FAUNA: NATIVE GRASSES, CHEATGRASS, PRICKLEY PEAR, SALTBRUSH, SAGE. PRONGHORN, RODENTS, COYOTES, BIRDS.

SOIL TYPE AND CHARACTERISTICS: LIGHT BROWN SANDY CLAY WITH LIGHT GRAY TO NEARLY WHITE SHALE.

SURFACE FORMATION & CHARACTERISTICS: UINTAH FORMATION, SOUTH FLANK OF UINTAH MOUNTAINS.

EROSION/SEDIMENTATION/STABILITY: MINOR EROSION, MINOR SEDIMENTATION, NO STABILITY PROBLEMS ANTICIPATED.

PALEONTOLOGICAL POTENTIAL: THIS SITE HAS BEEN INSPECTED BY ALDEN H. HAMBLIN AND WILL BE CHECKED AGAIN AFTER ALL SNOW HAS MELTED.

RESERVE PIT

CHARACTERISTICS: 100' BY 100' AND 10' DEEP.

LINER REQUIREMENTS (Site Ranking Form attached): A 12 MIL LINER WILL BE REQUIRED.

SURFACE RESTORATION/RECLAMATION PLAN

AS PER STATE OF UTAH, TRUST LANDS.

SURFACE AGREEMENT: STATE OF UTAH, TRUST LANDS.

CULTURAL RESOURCES/ARCHAEOLOGY: AN ARCHAEOLOGICAL INVESTIGATION HAS BEEN WAIVED BY JIM COOPER, STATE OF UTAH S.I.T.C.A.

OTHER OBSERVATIONS/COMMENTS

THE ONSITE INVESTIGATION WAS DONE ON A COLD WINDY DAY. UP TO ONE INCH OF SNOW IN PLACES BUT OVER 50% BARE GROUND.

ATTACHMENTS:

PHOTOS OF PROPOSED SITE WILL BE PLACED ON FILE.

DAVID W. HACKFORD  
DOGM REPRESENTATIVE

1/7/97 3:00 PM  
DATE/TIME

**Evaluation Ranking Criteria and Ranking Score  
For Reserve and Onsite Pit Liner Requirements**

<u>Site-Specific Factors</u>	<u>Ranking</u>	<u>Site Ranking</u>
Distance to Groundwater (feet)		
>200	0	
100 to 200	5	
75 to 100	10	
25 to 75	15	
<25 or recharge area	20	<u>0</u>
Distance to Surf. Water (feet)		
>1000	0	
300 to 1000	2	
200 to 300	10	
100 to 200	15	
< 100	20	<u>0</u>
Distance to Nearest Municipal Well (feet)		
>5280	0	
1320 to 5280	5	
500 to 1320	10	
<500	15	<u>0</u>
Distance to Other Wells (feet)		
>1320	0	
300 to 1320	10	
<300	20	<u>0</u>
Native Soil Type		
Low permeability	0	
Mod. permeability	10	
High permeability	20	<u>20</u>
Fluid Type		
Air/mist	0	
Fresh Water	5	
TDS >5000 and <10000	15	
TDS >10000 or Oil Base	20	
Mud Fluid containing high levels of hazardous constituents		<u>5</u>
Drill Cuttings		
Normal Rock	0	
Salt or detrimental	10	<u>0</u>
Annual Precipitation (inches)		
<10	0	
10 to 20	5	
>20	10	<u>0</u>
Affected Populations		
<10	0	
10 to 30	6	
30 to 50	8	
>50	10	<u>0</u>
Presence of Nearby Utility Conduits		
Not Present	0	
Unknown	10	
Present	15	<u>0</u>

**Final Score** (Level II Sensitivity)

25

**DIVISION OF OIL, GAS AND MINING  
APPLICATION FOR PERMIT TO DRILL  
STATEMENT OF BASIS**

**Operator Name:** COASTAL OIL & GAS CORP.

**Name & Number:** MORGAN STATE 11-36

**API Number:** 43-047-32813

**Location:** 1/4, 1/4 NE/SW Sec. 36 T. 9S R. 21E

**Geology/Ground Water:**

The base of moderately saline water is at a depth of approximately 3000 feet. There are no high quality aquifers in the area of the project. The proposed casing and cement program will adequately isolate and protect any water encountered. Aquifers that are encountered in this area are generally discontinuous and not subject to recharge.

**Reviewer:** D. Jarvis

**Date:** 1-16-97

**Surface:**

THE PRE-SITE INVESTIGATION OF THE SURFACE HAS BEEN PERFORMED BY FIELD PERSONNEL ON 1/7/97. ALL APPLICABLE SURFACE MANAGEMENT AGENCIES HAVE BEEN NOTIFIED AND THEIR CONCERNS ACCOMMODATED WHERE REASONABLE AND POSSIBLE. A LINER WILL BE REQUIRED FOR THE RESERVE PIT AT THIS SITE. AND THE RESERVE PIT MUST BE CONSTRUCTED WEST OF WELL BORE SO THAT AS MUCH OF THE PIT AS POSSIBLE WILL BE IN CUT. THE PALEONTOLOGY INSPECTION WILL BE COMPLETED ON THE ACCESS ROAD AFTER ALL SNOW HAS MELTED.

**Reviewer:** DAVID W. HACKFORD

**Date:** 1/8/97

**Conditions of Approval/Application for Permit to Drill:**

THE RESERVE PIT MUST BE CONSTRUCTED WEST OF WELL BORE AND LINED WITH A 12 MIL LINER.



# State of Utah

DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS AND MINING

Michael O. Leavitt  
Governor

Ted Stewart  
Executive Director

James W. Carter  
Division Director

1594 West North Temple, Suite 1210

Box 145801

Salt Lake City, Utah 84114-5801

801-538-5340

801-359-3940 (Fax)

801-538-7223 (TDD)

January 16, 1997

Coastal Oil & Gas Corporation  
P.O. Box 749  
Denver, Colorado 80201-0749

Re: Morgan State 11-36 Well, 1943' FSL, 1843' FWL, NE SW,  
Sec. 36, T. 9 S., R. 21 E., Uintah County, Utah

Gentlemen:

Pursuant to the provisions and requirements of Utah Code Ann. 40-6-1 et seq., Utah Administrative Code R649-3-1 et seq., and the attached Conditions of Approval, approval to drill the referenced well is granted.

This approval shall expire one year from the above date unless substantial and continuous operation is underway, or a request for extension is made prior to the expiration date. The API identification number assigned to this well is 43-047-32813.

Sincerely,

R. J. Firth  
Associate Director

lwp

Enclosures

cc: Uintah County Assessor  
Bureau of Land Management, Vernal District Office

Operator: Coastal Oil & Gas Corporation  
Well Name & Number: Morgan State 11-36  
API Number: 43-047-32813  
Lease: ML-22265  
Location: NE SW Sec. 36 T. 9 S. R. 21 E.

### Conditions of Approval

1. General

Compliance with the requirements of Utah Admin. R. 649-1 et seq., the Oil and Gas Conservation General Rules, and the applicable terms and provisions of the approved Application for Permit to Drill.

2. Notification Requirements

Notify the Division within 24 hours following spudding the well or commencing drilling operations. Contact Jimmie Thompson at (801)538-5336.

Notify the Division prior to commencing operations to plug and abandon the well. Contact Frank Matthews at (801)538-5334 or Mike Hebertson at (801)538-5333.

3. Reporting Requirements

All required reports, forms and submittals shall be promptly filed with the Division, including but not limited to the Entity Action Form (Form 6), Report of Water Encountered During Drilling (Form 7), Weekly Progress Reports for drilling and completion operations, and Sundry Notices and Reports on Wells requesting approval of change of plans or other operational actions.

4. Compliance with the Conditions of Approval/Application for Permit to Drill outlined in the Statement of Basis dated January 16, 1997 (copy attached).



DIVISION OF OIL, GAS AND MINING

SPUDDING INFORMATION

Name of Company: COASTAL OIL & GAS

Well Name: MORGAN STATE 11-36

Api No. 43-047-32813

Section: 36 Township: 9S Range: 21E County: UINTAH

Drilling Contractor

Rig #

SPUDDED:

Date 4/29/97

Time

How DRY HOLE

Drilling will commence

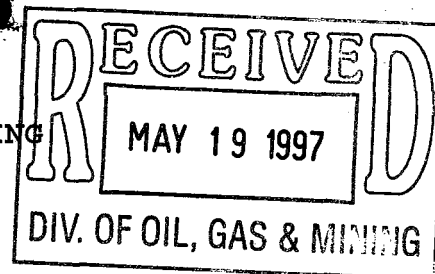
Reported by D. HACKFORD

Telephone #

Date: 4/30/97 Signed: JLT

(3)

STATE OF UTAH  
DIVISION OF OIL, GAS AND MINING  
DRILLING INSPECTION FORM



OPERATOR: COASTAL OIL & GAS CORP. COMPANY REP: SCOTT SEELY

WELL NAME MORGAN STATE 11-36 API NO 43-047-32813

QTR/QTR: NE/SW SECTION: 36 TWP: 9S RANGE: 21E

CONTRACTOR: COASTAL DRILL RIG NUMBER: 2

INSPECTOR: DAVID HACKFORD TIME: 11:45 AM DATE: 5/13/97

SPUD DATE: DRY: 4/29/97 ROTARY: 5/9/97 PROJECTED TD 8200'

OPERATIONS AT TIME OF VISIT: DRILLING 7 7/8" HOLE AT 4400'.

WELL SIGN: Y MUD WEIGHT 8.7 LBS/GAL BOPE: N

BLOOIE LINE: Y FLARE PIT: N H2S POTENTIAL: N

ENVIRONMENTAL:

RESERVE PIT: Y FENCED: Y LINED: Y PLASTIC: Y

RUBBER: N BENTONITE: N SANITATION: Y

BOPE TEST RECORDED IN THE RIG DAILY TOUR BOOK: Y

REMARKS:

DRILLING WITH AERATED DAP WATER. NIPPLED UP WITH ROTATING HEAD,  
ANNULAR AND DOUBLE GATE. 230' SURFACE PIPE SET AND CEMENTED.  
MIXING POLYMER SWEEPS FOR TIGHT HOLE. RESERVE PIT LINER LEAKING.  
COASTAL HAS BUILT CATCH PONDS TO KEEP RESERVE PIT WATER  
CONTAINED.

STATE OF UTAH  
DIVISION OF OIL, GAS AND MINING

ENTITY ACTION FORM - FORM 6

OPERATOR Coastal Oil & Gas Corporation

OPERATOR ACCT. NO. N 0230

ADDRESS P.O. Box 749

Denver, CO 80201-0749

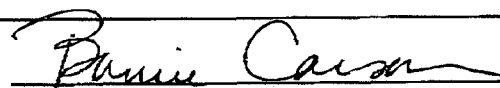
ACTION CODE	CURRENT ENTITY NO.	NEW ENTITY NO.	API NUMBER	WELL NAME	WELL LOCATION					SPUD DATE	EFFECTIVE DATE
					QQ	SC	TP	RG	COUNTY		
A	99999	12137	43-047-32813	Morgan State #11-36	NESW	36	9S	21E	Uintah	4/29/97	4/29/97
WELL 1 COMMENTS: This well is in the Natural Buttes Field but is not a part of the Natural Buttes Unit.											
WELL 2 COMMENTS:											
WELL 3 COMMENTS:											
WELL 4 COMMENTS:											
WELL 5 COMMENTS:											

ACTION CODES (See instructions on back of form)

- A - Establish new entity for new well (single well only)
- B - Add new well to existing entity (group or unit well)
- C - Re-assign well from one existing entity to another existing entity
- D - Re-assign well from one existing entity to a new entity
- E - Other (explain in comments section)

NOTE: Use COMMENT section to explain why each Action Code was selected.

(3/89)

  
Signature Bonnie Carson  
Senior Environmental Analyst 6/2/97  
Title \_\_\_\_\_ Date \_\_\_\_\_  
Phone No. 303 573-4476

FROM: COASTAL OIL & GAS

303 573 4418

1997, 06-02

08:12

#123 P. 02/03

FORM 9

STATE OF UTAH  
DIVISION OF OIL, GAS AND MINING

**SUNDRY NOTICES AND REPORTS ON WELLS**

Do not use this form for proposals to drill new wells, deepen existing wells, or to reenter plugged and abandoned wells.  
Use APPLICATION FOR PERMIT TO DRILL OR DEEPEN form for such purposes

1. Type of Well: OIL ☐ GAS ☒ OTHER:

2. Name of Operator

Coastal Oil &amp; Gas Corporation

3. Address and Telephone Number:

P.O. Box 749, Denver, CO 80201-0749

(303) 573-4476

4. Location of Well

Footages: 1943' FSL, 1843' FEL

QQ, Sec., T., R., M.: NESW, Section 36-T9S-R21E

5. Lease Designation and Serial Number

ML-22265

6. Indian, Allottee or Tribe Name:

N/A

7. Unit Agreement Name:

N/A

8. Well Name and Number:

Morgan State #11-36

9. API Well Number:

43-047-32813

10. Field and Pool, or Wildcat

Natural Buttes Field

County: Uintah

State: Utah

## 11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

**NOTICE OF INTENT**  
(Submit in Duplicate)**SUBSEQUENT REPORT**  
(Submit Original Form Only)☐ Abandon☐ Repair Casing☐ Change of Plans☐ Convert to Injection☐ Fracture Treat or Acidize☐ Multiple Completion☐ Other☐ New Construction☐ Pull or Alter Casing☐ Recomplete☐ Perforate☐ Vent or Flare☐ Water Shut-Off☐ Abandon\*☐ Repair Casing☐ Change of Plans☐ Convert to Injection☐ Fracture Treat or Acidize☒ Other Spud Notice☐ New Construction☐ Pull or Alter Casing☐ Perforate☐ Vent or Flare☐ Water Shut-Off

Approximate date work will start

Date of work completion 4/30/97

Report results of Multiple Completions and Recompletions to different reservoirs on WELL COMPLETION OR RECOMPLETION REPORT AND LOG form.

\* Must be accompanied by a cement verification report.

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

Spud well @ 2:00 PM 4-29-97 w/Bill Jr. Rathole Drig Service (air rig). Drill 11" hole to 255'.  
RIH w/6 jt 8-5/8" 24# 8rd ST&C csg. Tally ran = 249.65. Ran 3 centralizers. PU HOWCO.  
Mix and pump 85 sx Prem+ cmt w/2% CaCl2. Displace w/132 bbl H2O. Circ approx 6 bbl  
cmt to pit.

13.

Name &amp; Signature

*Bonnie Carson*

Title

Bonnie Carson

Senior Environmental Analyst

Date 5/30/97

(This space for State use only)

ENTITY ACTION FORM - FORM 6

ACTION CODE	CURRENT ENTITY NO.	NEW ENTITY NO.	API NUMBER	WELL NAME	WELL LOCATION					SPUD DATE	EFFECTIVE DATE
					QQ	SC	TP	RG	COUNTY		
A	12/37	12/37	43-047-32813	Morgan State #11-36	NESW	36	9S	21E	Uintah	4/29/97	4/29/97
WELL 1 COMMENTS: This well is in the Natural Buttes Field but is not a part of the Natural Buttes Unit. <i>Previously added 5-30-97 Lec</i>											
WELL 2 COMMENTS:											
WELL 3 COMMENTS:											
WELL 4 COMMENTS:											
WELL 5 COMMENTS:											

ACTION CODES (See instructions on back of form)

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NOTE: Use COMMENT section to explain why each Action Code was selected.

*Bonnie Carson*  
Signature Bonnie Carson  
Title Senior Environmental Analyst Date 6/2/97  
Phone No. (303) 573-4476

STATE OF UTAH  
DIVISION OF OIL, GAS AND MINING

### SUNDRY NOTICES AND REPORTS ON WELLS

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1. Type of Well: OIL ☐ GAS ☒ OTHER:

2. Name of Operator

Coastal Oil & Gas Corporation

3. Address and Telephone Number.

P.O. Box 749, Denver, CO 80201-0749

(303) 573-4476

4. Location of Well

Footages: 1943' FSL, 1843' FEL

QQ, Sec., T., R., M.: NESW, Section 36-T9S-R21E

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ML-22265

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Morgan State #11-36

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43-047-32813

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Natural Buttes Field

County: Uintah

State: Utah

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##### NOTICE OF INTENT (Submit in Duplicate)

- |  |   |
|--|---|
| <input type="checkbox"/> Abandon                   | <input type="checkbox"/> New Construction     |
| <input type="checkbox"/> Repair Casing             | <input type="checkbox"/> Pull or Alter Casing |
| <input type="checkbox"/> Change of Plans           | <input type="checkbox"/> Recomplete           |
| <input type="checkbox"/> Convert to Injection      | <input type="checkbox"/> Perforate            |
| <input type="checkbox"/> Fracture Treat or Acidize | <input type="checkbox"/> Vent or Flare        |
| <input type="checkbox"/> Multiple Completion       | <input type="checkbox"/> Water Shut-Off       |
| <input type="checkbox"/> Other _____               |   |

Approximate date work will start \_\_\_\_\_

##### SUBSEQUENT REPORT (Submit Original Form Only)

- |  |   |
|--|---|
| <input type="checkbox"/> Abandon*                  | <input type="checkbox"/> New Construction     |
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| <input type="checkbox"/> Change of Plans           | <input type="checkbox"/> Perforate            |
| <input type="checkbox"/> Convert to Injection      | <input type="checkbox"/> Vent or Flare        |
| <input type="checkbox"/> Fracture Treat or Acidize | <input type="checkbox"/> Water Shut-Off       |
| <input checked="" type="checkbox"/> Other _____    | Spud Notice                                   |

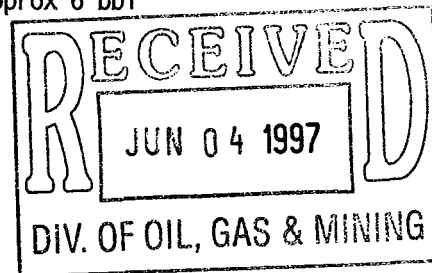
Date of work completion 4/30/97

Report results of **Multiple Completions** and **Recompletions** to different reservoirs on WELL COMPLETION OR RECOMPLETION REPORT AND LOG form.

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12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

Spud well @ 2:00 PM 4-29-97 w/Bill Jr. Rathole Drlg Service (air rig). Drill 11" hole to 255'. RIH w/6 jt 8-5/8" 24# 8rd ST&C csg. Tally ran = 249.65. Ran 3 centralizers. PU HOWCO. Mix and pump 85 sx Prem+ cmt w/2% CaCl2. Displace w/132 bbl H2O. Circ approx 6 bbl cmt to pit.



13. Name & Signature Bonnie Carson Title Senior Environmental Analyst

Date 5/30/97

(This space for State use only)

STATE OF UTAH  
DIVISION OF OIL, GAS AND MINING

### SUNDRY NOTICES AND REPORTS ON WELLS

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Morgan State #11-36

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Natural Buttes Field

County: Uintah

State: Utah

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|--|---|
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| <input type="checkbox"/> Multiple Completion       | <input type="checkbox"/> Water Shut-Off       |
| <input type="checkbox"/> Other _____               |   |

Approximate date work will start \_\_\_\_\_

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- |  |   |
|--|---|
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| <input type="checkbox"/> Change of Plans           | <input type="checkbox"/> Perforate            |
| <input type="checkbox"/> Convert to Injection      | <input type="checkbox"/> Vent or Flare        |
| <input type="checkbox"/> Fracture Treat or Acidize | <input type="checkbox"/> Water Shut-Off       |
| <input checked="" type="checkbox"/> Other _____    | Drilling operations                           |

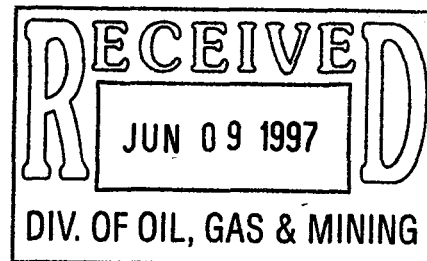
Date of work completion 5/30/97

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12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

Please see the attached chronological history of drilling operations performed on the subject well.



13.

Name & Signature

*Bonnie Carson*

Title

Bonnie Carson

Senior Environmental Analyst

Date 6/5/97

(This space for State use only)

**PERC****WELL CHRONOLOGICAL REPORT****WELL NAME:** MORGAN STATE #11-36**FIELD NAME:** NATURAL BUTTES**COUNTY:** UINTAH**AFE#:** 27057**OPERATOR:** COASTAL OIL & GAS CORP.**SPUD DATE:****WI%:****DATE:** 4/30/97**DEPTH:**

249

**ACTIVITY AT REPORT TIME:** WO ROTARY TOOLS**HOURS:**

0.00

**PROGRESS:** 0 ft**MW:**

0.0

**DAILY COST:** \$10,334.50**CUMM COST :**

\$10,334.50

**ACTIVITY LAST  
24 HOURS:**

SPUD WELL @ 2:00 PM 4/29/97 W/BILL JR RATHOLE. DRILL 11" HOLE TO 255. RIH W/6 JTS 8 5/8" 24# 8RD ST&amp;C CSG. TALLY RAN 249.65'. RAN 3 CENTRALIZERS. PU HOWCO. MIX &amp; PMP 85 SXS PREM CMT W/2% CACL2. DISPL W/132 BBLs H2O. CIRC APPROX 6 BBL CMT TO PIT

**DATE:** 5/9/97**DEPTH:**

269

**ACTIVITY AT REPORT TIME:** RU TO PRESS TEST BOP'S**HOURS:**

0.00

**PROGRESS:** 0 ft**MW:**

0.0

**DAILY COST:** \$10,714.00**CUMM COST :**

\$21,048.50

**ACTIVITY LAST  
24 HOURS:**

MOVE RIG 2 FROM CIGE 199 &amp; RU ON MORGAN STATE 11-36. DOUBLE JACK TESTING. RU TO TEST BOP'S. DAVE HACKFORD W/UTAH STATE HAS BEEN NOTIFIED

**DATE:** 5/10/97**DEPTH:**

919

**ACTIVITY AT REPORT TIME:** DRLG**HOURS:**

10.50

**PROGRESS:** 650 ft**MW:**

0.0

**DAILY COST:** \$27,966.40**CUMM COST :**

\$49,014.90

**ACTIVITY LAST  
24 HOURS:**

RU RT PRESS TEST BOP'S TO 2000', HYDRIL &amp; 8 5/8" CSG TO 1500 PU BHA INSTALL ROT HEAD &amp; UNLOAD HOLE DRILL CMT 200-269' DRLG 269-561' SURVEY @ 519' 1/2 DEGS DRLG 561-919'



**PERC****WELL CHRONOLOGICAL REPORT**

WELL NAME: MORGAN STATE #11-36

FIELD NAME: NATURAL BUTTES

COUNTY: UINTAH

AFE#: 27057

OPERATOR: COASTAL OIL &amp; GAS CORP.

SPUD DATE:

WI%:

DATE: 5/11/97

DEPTH:

2031

ACTIVITY AT REPORT TIME: DRLG

HOURS:

21.00

PROGRESS: 1112 ft

MW:

8.5

DAILY COST: \$15,489.50

CUMM COST :

\$64,504.40

ACTIVITY LAST  
24 HOURS:DRLG SURVEY DRLG RS DRLG SURVEY DRLG SWITCH TO AERATED WTR @ 1657'  
DRLG CHANGE ROT HEAD RUBBER DRLG

DATE: 5/12/97

DEPTH:

3220

ACTIVITY AT REPORT TIME: DRLG

HOURS:

22.50

PROGRESS: 1189 ft

MW:

8.6

DAILY COST: \$11,484.00

CUMM COST :

\$75,988.40

ACTIVITY LAST  
24 HOURS:

DRLG SURVEY DRLG SURVEY DRLG SURVEY DRLG

DATE: 5/13/97

DEPTH:

4172

ACTIVITY AT REPORT TIME: DRLG

HOURS:

23.00

PROGRESS: 952 ft

MW:

8.7

DAILY COST: \$21,241.00

CUMM COST :

\$97,229.40

ACTIVITY LAST  
24 HOURS:

DRLG RS DRLG SURVEY DRLG

**PERC****WELL CHRONOLOGICAL REPORT****WELL NAME:** MORGAN STATE #11-36**FIELD NAME:** NATURAL BUTTES**COUNTY:** UINTAH**AFE#:** 27057**OPERATOR:** COASTAL OIL & GAS CORP.**SPUD DATE:****WI%:****DATE:** 5/14/97**DEPTH:**

4743

**ACTIVITY AT REPORT TIME:** DRLG**HOURS:**

16.50

**PROGRESS:** 571 ft**MW:**

8.8

**DAILY COST:** \$17,628.90**CUMM COST :**

\$114,858.30

**ACTIVITY LAST  
24 HOURS:**

SURVEY DRLG TRIP FOR BIT #2 W&amp;R 60' TO BTM DRLG SURVEY DRLG

**DATE:** 5/15/97**DEPTH:**

5185

**ACTIVITY AT REPORT TIME:** DRLG**HOURS:**

21.00

**PROGRESS:** 442 ft**MW:**

8.6

**DAILY COST:** \$30,433.70**CUMM COST :**

\$145,292.00

**ACTIVITY LAST  
24 HOURS:**DRLG SURVEY DRLG SURVEY DRLG SURVEY SWITCH TO AERATED WATER DRLG  
SURVEY DRLG NOTE: DON BRAITHWAITH WAS HIT BY TONGS ONR IGH TLEG. CHECKED BY  
DR. WILCKEN IN VERNAL & RETURNED TO WORK.**DATE:** 5/16/97**DEPTH:**

5685

**ACTIVITY AT REPORT TIME:** DRLG**HOURS:**

23.00

**PROGRESS:** 500 ft**MW:**

8.7

**DAILY COST:** \$14,224.40**CUMM COST :**

\$159,516.40

**ACTIVITY LAST  
24 HOURS:**

DRLG 5185-5326' SURVEY DRLG 5326-5512' SURVEY DRLG 5512-5685'. NO DB'S.



## WELL CHRONOLOGICAL REPORT

WELL NAME: MORGAN STATE #11-36

FIELD NAME: NATURAL BUTTES

COUNTY: UINTAH

AFE#: 27057

OPERATOR: COASTAL OIL & GAS CORP.

SPUD DATE:

WI%:

DATE: 5/17/97

DEPTH:

6023

ACTIVITY AT REPORT TIME: TRIP FOR BIT #3

HOURS:

23.00

PROGRESS: 338 ft

MW:

8.6

DAILY COST: \$14,232.60

CUMM COST :

\$173,749.00

ACTIVITY LAST  
24 HOURS:

DRLG 5685-6007' SURVEY DRLG 6007-6023' POOH FOR BIT

DATE: 5/18/97

DEPTH:

6023

ACTIVITY AT REPORT TIME: POOH

HOURS:

0.00

PROGRESS: 0 ft

MW:

8.6

DAILY COST: \$13,219.00

CUMM COST :

\$186,968.00

ACTIVITY LAST  
24 HOURS:

POOH FOR BIT #3. LOST 2 CONES RS WO MAGNET TIH W&R 5968-6023' & WORK MAGNET  
POOH. DIDN'T REC JUNK LD MAGNET & PU USED BIT & JUNK SUB TIH INSTALL ROT HEAD &  
BREAK CIRC @ 5635' W&R 5635-5735' RIG REPAIR (LOOSE NUTS ON INPUT SHAFT) W&R 5855-  
6012'. UNDER CAGE HOLE TRY TO WORK PAST JUNK. SET BACK KELLY & STARTED OUT

DATE: 5/19/97

DEPTH:

6023

ACTIVITY AT REPORT TIME: TIH W/MILL

HOURS:

0.00

PROGRESS: 0 ft

MW:

8.6

DAILY COST: \$10,681.00

CUMM COST :

\$197,649.00

ACTIVITY LAST  
24 HOURS:

POOH W/RR BIT TIH W/MILL W&R 5945-6023' MILLING ON CONE & WORK JUNK BASKET ON BTM  
POOH W/MILL CHANGE MILL & JUNK BASKETS & TIH. WE'VE RECOVERED ENOUGH METAL FROM  
JUNK SUB TO HAVE 1 CONE OUT FROM WEAR PATTERN ON MILL. I BELIEVE THERE IS PART OF 1  
CONE IN HOLE.

**PERC****WELL CHRONOLOGICAL REPORT**

WELL NAME: MORGAN STATE #11-36

FIELD NAME: NATURAL BUTTES

COUNTY: UINTAH

AFE#: 27057

OPERATOR: COASTAL OIL &amp; GAS CORP.

SPUD DATE:

WI%:

DATE: 5/20/97

DEPTH:

6023

ACTIVITY AT REPORT TIME: W&amp;R

HOURS:

0.00

PROGRESS: 0 ft

MW:

8.7

DAILY COST: \$18,802.80

CUMM COST :

\$216,451.80

ACTIVITY LAST  
24 HOURS:INSTALL ROT HEAD & DRILL PIPE W&R 6000-6023' MILL ON CONES POOH TIH W/BIT #3 CUT  
DRLG LINE RIG REPAIR. MUD PUMP & ROT TORQ GAUGE TIH TO 5500' W&R 5500-5976'

DATE: 5/21/97

DEPTH:

6410

ACTIVITY AT REPORT TIME: DRLG

HOURS:

18.50

PROGRESS: 387 ft

MW:

8.7

DAILY COST: \$11,093.50

CUMM COST :

\$227,545.30

ACTIVITY LAST  
24 HOURS:W&R 5976-6007' UNLOAD HOLE W/AIR W&R 6007-6023' (TIGHT) DRLG 6023-6129 RS DRLG  
6129-6410' DB 6215-23'

DATE: 5/22/97

DEPTH:

6828

ACTIVITY AT REPORT TIME: DRLG

HOURS:

22.00

PROGRESS: 418 ft

MW:

8.7

DAILY COST: \$18,098.30

CUMM COST :

\$245,643.60

ACTIVITY LAST  
24 HOURS:RS DRLG 6410-6472' SURVEY DRLG 6472-6567' CHANGE ROT HEAD RUBBER DRLG 6567-  
6828' DB: 6625-49', 6700-05'



## WELL CHRONOLOGICAL REPORT

WELL NAME: MORGAN STATE #11-36

FIELD NAME: NATURAL BUTTES

COUNTY: UINTAH

AFE#: 27057

OPERATOR: COASTAL OIL & GAS CORP.

SPUD DATE:

WI%:

DATE: 5/23/97      DEPTH: 7180      ACTIVITY AT REPORT TIME: DRLG  
HOURS: 22.50      PROGRESS: 352 ft  
MW: 8.7      DAILY COST: \$16,261.70      CUMM COST : \$261,905.30

ACTIVITY LAST 24 HOURS: DRLG 6828-6998' RS DRLG 8998-7058' SURVEY DRLG 7058-7180'. DB: 6878-93', 7017-22', 7103-11'

DATE: 5/24/97      DEPTH: 7396      ACTIVITY AT REPORT TIME: BUILDING PIT VOLUME  
HOURS: 11.00      PROGRESS: 216 ft  
MW: 8.7      DAILY COST: \$17,990.50      CUMM COST : \$279,895.80

ACTIVITY LAST 24 HOURS: DRLG 7180-7303' RS DRLG 7303-7334' WORK TIGHT HOLE DRLG 7334-7396' LOAD HOLE W/WTR TRIP OUT W/BIT #3 TRIP IN W/BIT #4 TO 2900'. INSTALLED ROTATING HEAD RUBBER UNLOAD HOLE W/AIR TO BUILD VOLUME IN RESERVE PIT. DRLG BREAKS: 7349-7353', 7368-7376'

DATE: 5/25/97      DEPTH: 7630      ACTIVITY AT REPORT TIME: DRLG  
HOURS: 16.50      PROGRESS: 234 ft  
MW: 9.1      DAILY COST: \$15,904.00      CUMM COST : \$295,799.80

ACTIVITY LAST 24 HOURS: BUILD VOL TIH W&R 7291-7396' DRLG 7396-7549' SURVEY DRLG 7549-7630'. DB: 7430-38', 7489-95', 7500-18', 7586-99'. CLOSED IN MUD SYS & DUAL HOLE. MUD UP BECAUSE OF TIGHT HOLE.

## WELL CHRONOLOGICAL REPORT

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FIELD NAME: NATURAL BUTTES

COUNTY: UINTAH

AFE#: 27057

OPERATOR: COASTAL OIL & GAS CORP.

SPUD DATE:

WI%:

DATE: 5/26/97      DEPTH: 7890      ACTIVITY AT REPORT TIME: DRLG  
HOURS: 23.00      PROGRESS: 260 ft  
MW: 9.2      DAILY COST: \$13,631.50      CUMM COST : \$309,431.30

ACTIVITY LAST 24 HOURS: DRLG 7630-7818' REPAIR RIG OILER CHAIN RS DRLG 7818-7890'

DATE: 5/27/97      DEPTH: 8036      ACTIVITY AT REPORT TIME: CIRC & SPOT 10# BRINE  
HOURS: 12.50      PROGRESS: 146 ft  
MW: 8.7      DAILY COST: \$14,174.00      CUMM COST : \$323,605.30

ACTIVITY LAST 24 HOURS: RIG REPAIR (MUD PMP) DRLG 7890-8000' CIRC DRLG 8000-8036' CIRC & COND SHORT TRIP. TIGHT @ 4874' WORK TIGHT HOLE FIN SHORT TRIP OUT TO 3800' TIH. NO TIGHT SPOTS GOING IN CIRC & SPOT 10# GELLED BRINE ON BTM (400 BBLs). DB 7911-17', 7927-29', 7934-63'

DATE: 5/28/97      DEPTH: 8036      ACTIVITY AT REPORT TIME: TRIP OUT W/FISH  
HOURS: 0.00      PROGRESS: 0 ft  
MW: 0.0      DAILY COST: \$17,212.80      CUMM COST : \$340,818.10

ACTIVITY LAST 24 HOURS: TRIP OUT. WORK TIGHT HOLE 4816' TO 4725'. WORK STUCK PIPE @ 4816'. RAN FREE POINT. STUCK @ DRILLING JARS ON TOP OF D.C.'S. BACKED OFF @ 4170'. LEFT 2 JTS HWDP ON FISH (FISH BIT #4, BIT SUB, 18 6-1/4 D.C.'S, DRILLING JARS, 2 JTS HWDP - 639.41' TOTAL). TRIP OUT W/13 HWDP. TRIP IN W/SCREW IN SUB, BUMPER SUB, JARS, XO, KEY SEAT WIPER, 8-6" D.C.'S, XO, INTENSIFIER, XO, 12 JTS HWDP. CUT DRILLING LINE. TIH, BREAK CIRCULATION. SCREW INTO FISH. BUMPED DOWN TWICE. FISH CAME FREE. RAN DOWN 40', WORKED UP 120'. NO TIGHT HOLE. TRIP OUT OF HOLE.

**PERC****WELL CHRONOLOGICAL REPORT****WELL NAME:** MORGAN STATE #11-36**FIELD NAME:** NATURAL BUTTES**COUNTY:** UINTAH**AFE#:** 27057**OPERATOR:** COASTAL OIL & GAS CORP.**SPUD DATE:****WI%:****DATE:** 5/29/97**DEPTH:**

8036

**ACTIVITY AT REPORT TIME:** L/D DRILL PIPE**HOURS:**

0.00

**PROGRESS:** 0 ft**MW:**

9.9

**DAILY COST:** \$28,316.20**CUMM COST :**

\$369,134.30

**ACTIVITY LAST  
24 HOURS:**

TIH T/4000' & FILL DP & TIH SLOW FROM 4000' TO 4800'. WORK KEY SEAT WIPER THROUGH TIGHT SPOT. TIH T/TD @ 8036'. CIRC BOTTOMS UP. POOH. R/U SCHLUMBERGER & RUN PLATFORM EXPRESS LOGS, LOGGER TD 8046'. TIH T/4000'. R/U T & M AND L/D DRILL PIPE.

**DATE:** 5/30/97**DEPTH:**

8036

**ACTIVITY AT REPORT TIME:** RDRT**HOURS:**

0.00

**PROGRESS:** 0 ft**MW:**

0.0

**DAILY COST:** \$163,903.10**CUMM COST :**

\$533,037.40

**ACTIVITY LAST  
24 HOURS:**

LD DRILL STRING RU T&M CASERS & RAN 208 JTS 4 1/2" 11.6# N80 W/GEMACO FLOAT EQUIP (1 SHOE JT). TOTAL 8139.38' W/30 CENT. 1 ON EVERY OTHER F/TD CIRC & COND CMT W/DOWELL. PMPD 10 BBLS GEL WTR, 80 BBLS WTR. LEAD 917 SXS HILIFT WT 12, Y 2.69, 439 BBLS TAIL 1361 SXS SELF STRESS, W 14.5, Y 1.58, 385 BBLS. DROP PLUG & DISPL W/15 BBLS ACETIC ACID & 108 BBLS KCL WTR. PLUG BUMPED. FLOATS HELD. LOST RET 1/2 WAY THRU DISPL. CSG STUCK AFTER LOSS CIRC. NO CMT TO SURF. CMT IN PLACE @ 22:25 5/29/97 SET 4 1/2" CSG SLIPS W/85,000#. PU BOP'S & CUT OFF CLEAN MUD TANKS RIG DOWN. RIG RELEASED @ 01:30 5/30/97

STATE OF UTAH  
DIVISION OF OIL, GAS AND MINING

### SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, deepen existing wells, or to reenter plugged and abandoned wells.  
Use APPLICATION FOR PERMIT TO DRILL OR DEEPEN form for such purposes

1. Type of Well: OIL ☐ GAS ☒ OTHER:

2. Name of Operator

Coastal Oil & Gas Corporation

3. Address and Telephone Number.

P.O. Box 749, Denver, CO 80201-0749

(303) 573-4476

4. Location of Well

Footages: 1943' FSL, 1843' FEL

QQ, Sec., T., R., M.: NESW, Section 36-T9S-R21E

5. Lease Designation and Serial Number

ML-22265

6. Indian, Allottee or Tribe Name:

N/A

7. Unit Agreement Name:

N/A

8. Well Name and Number:

Morgan State #11-36

9. API Well Number:

43-047-32813

10. Field and Pool, or Wildcat

Natural Buttes Field

County: Uintah

State: Utah

### 11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

#### NOTICE OF INTENT (Submit in Duplicate)

- |  |   |
|--|---|
| <input type="checkbox"/> Abandon                   | <input type="checkbox"/> New Construction     |
| <input type="checkbox"/> Repair Casing             | <input type="checkbox"/> Pull or Alter Casing |
| <input type="checkbox"/> Change of Plans           | <input type="checkbox"/> Recomplete           |
| <input type="checkbox"/> Convert to Injection      | <input type="checkbox"/> Perforate            |
| <input type="checkbox"/> Fracture Treat or Acidize | <input type="checkbox"/> Vent or Flare        |
| <input type="checkbox"/> Multiple Completion       | <input type="checkbox"/> Water Shut-Off       |
| <input type="checkbox"/> Other _____               |   |

Approximate date work will start \_\_\_\_\_

#### SUBSEQUENT REPORT (Submit Original Form Only)

- |  |   |
|--|---|
| <input type="checkbox"/> Abandon*                  | <input type="checkbox"/> New Construction     |
| <input type="checkbox"/> Repair Casing             | <input type="checkbox"/> Pull or Alter Casing |
| <input type="checkbox"/> Change of Plans           | <input type="checkbox"/> Perforate            |
| <input type="checkbox"/> Convert to Injection      | <input type="checkbox"/> Vent or Flare        |
| <input type="checkbox"/> Fracture Treat or Acidize | <input type="checkbox"/> Water Shut-Off       |
| <input checked="" type="checkbox"/> Other _____    | First production                              |

Date of work completion 7/1/97

Report results of **Multiple Completions** and **Recompletions** to different reservoirs on WELL COMPLETION OR RECOMPLETION REPORT AND LOG form.

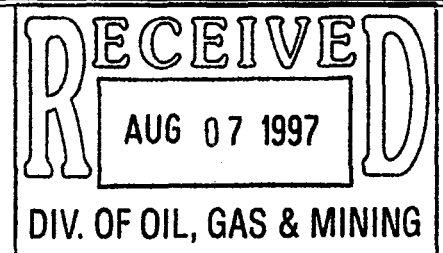
\* Must be accompanied by a cement verification report.

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

First production for the subject well occurred on 7/1/97.

13. Name & Signature Sheila Bremer Title Environmental & Safety Analyst Date 8/5/97

(This space for State use only)





STATE OF UTAH  
DIVISION OF OIL, GAS AND MINING

### SUNDRY NOTICES AND REPORTS ON WELLS

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1. Type of Well: OIL ☐ GAS ☒ OTHER:

2. Name of Operator

Coastal Oil & Gas Corporation

3. Address and Telephone Number.

P.O. Box 749, Denver, CO 80201-0749

(303) 573-4476

4. Location of Well

Footages: 1943' FSL, 1843' FEL

QQ, Sec., T., R., M.: NESW, Section 36-T9S-R21E

5. Lease Designation and Serial Number

ML-22265

6. Indian, Allottee or Tribe Name:

N/A

7. Unit Agreement Name:

N/A

8. Well Name and Number:

Morgan State #11-36

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10. Field and Pool, or Wildcat

Natural Buttes Field

County: Uintah

State: Utah

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#### NOTICE OF INTENT (Submit in Duplicate)

- |  |   |
|--|---|
| <input type="checkbox"/> Abandon                   | <input type="checkbox"/> New Construction     |
| <input type="checkbox"/> Repair Casing             | <input type="checkbox"/> Pull or Alter Casing |
| <input type="checkbox"/> Change of Plans           | <input type="checkbox"/> Recomplete           |
| <input type="checkbox"/> Convert to Injection      | <input type="checkbox"/> Perforate            |
| <input type="checkbox"/> Fracture Treat or Acidize | <input type="checkbox"/> Vent or Flare        |
| <input type="checkbox"/> Multiple Completion       | <input type="checkbox"/> Water Shut-Off       |
| <input type="checkbox"/> Other _____               |   |

Approximate date work will start \_\_\_\_\_

#### SUBSEQUENT REPORT (Submit Original Form Only)

- |  |   |
|--|---|
| <input type="checkbox"/> Abandon*                  | <input type="checkbox"/> New Construction     |
| <input type="checkbox"/> Repair Casing             | <input type="checkbox"/> Pull or Alter Casing |
| <input type="checkbox"/> Change of Plans           | <input type="checkbox"/> Perforate            |
| <input type="checkbox"/> Convert to Injection      | <input type="checkbox"/> Vent or Flare        |
| <input type="checkbox"/> Fracture Treat or Acidize | <input type="checkbox"/> Water Shut-Off       |
| <input checked="" type="checkbox"/> Other _____    | Completion operations                         |

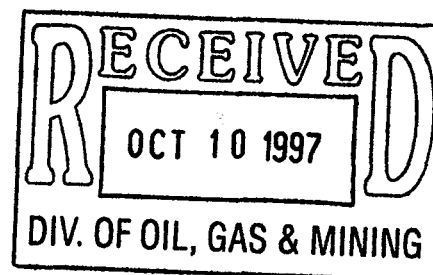
Date of work completion 8/15/97

Report results of **Multiple Completions** and **Recompletions** to different reservoirs on WELL COMPLETION OR RECOMPLETION REPORT AND LOG form.

\* Must be accompanied by a cement verification report.

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

Please see the attached chronological history for the subject well.



13.

Name & Signature

*Sheila Bremer*

Sheila Bremer

Title Environmental & Safety Analyst

Date 10/8/97

(This space for State use only)

**PERC****WELL CHRONOLOGICAL REPORT**

WELL NAME: MORGAN STATE #11-36

FIELD NAME: NATURAL BUTTES

COUNTY: UINTAH

AFE#: 27057

OPERATOR: COASTAL OIL &amp; GAS CORP.

SPUD DATE:

WI%:

DATE: 6/4/97

DEPTH:

8036

ACTIVITY AT REPORT TIME: WELL ON PRODUCTION

HOURS:

0.00

PROGRESS: 0 ft

MW:

0.0

DAILY COST: \$4,748.00

CUMM COST : \$538,785.40

ACTIVITY LAST  
24 HOURS:

MIRU SCHLUMBERGER WL. RUN BOND LOG - 1000 PSI, TOC @ 1630'.

DATE: 6/18/97

DEPTH:

8036

ACTIVITY AT REPORT TIME: BACK TO WAITING ON COMPLETION TO BEGIN

HOURS:

0.00

PROGRESS: 0 ft

MW:

0.0

DAILY COST: \$0.00

CUMM COST : \$538,785.40

ACTIVITY LAST  
24 HOURS:

JUNE 5TH THROUGH JUNE 18TH - WAITING FOR COMPLETION TO BEGIN.

DATE: 6/19/97

DEPTH:

8036

ACTIVITY AT REPORT TIME: PREP TO FRAC NO. 1

HOURS:

0.00

PROGRESS: 0 ft

MW:

0.0

DAILY COST: \$3,298.00

CUMM COST : \$542,083.40

ACTIVITY LAST  
24 HOURS:RM 5M FRAC VLV. RU SCHLUMBERGER. RIH W/3-1/8" HEG GUN W/4 SPF @ 90 DEGREES PHASING  
& PERF FROM 7947'-7960', 52 HOLES (MORE OR LESS 40" HOLE). SHOWED 400 PSI AFTER PERF'D.  
RD SCHLUMBERGER.

DATE: 6/20/97

SI - WAITING ON FRAC EQUIP.

**PERC****WELL CHRONOLOGICAL REPORT**

WELL NAME: MORGAN STATE #11-36

FIELD NAME: NATURAL BUTTES

COUNTY: UINTAH

AFE#: 27057

OPERATOR: COASTAL OIL &amp; GAS CORP.

SPUD DATE:

WI%:

DATE: 6/21/97

DEPTH:

8036

ACTIVITY AT REPORT TIME: CLEAN-UP WELLBORE.

HOURS:

0.00

PROGRESS:

0 ft

MW:

0.0

DAILY COST:

\$1,390.00

CUMM COST :

\$543,473.40

**ACTIVITY LAST  
24 HOURS:**

CP 1200 PSI. RU DOWELL CONDUCTED SAFETY MEETING. HOOK-UP BACK FL. PRESS TST'D LINES TO 5000 PSI - OK. BREAKDOWN PERFS (7947'-60') BROKE @ 2450 PSI @ 10 BPM. FRAC #1 STAGE W/103, 510# 20/40 MESH SAND & 20,488 GALS GEL FLUID. PMP 420 GALS 15% HCL & FLUSH W/123.5 BBLS OF 10# GEL. ISIP 2550 PSI, MAX/AVG P = 3500/2500 PSI, 2893 FINAL PSI. MAX/AVG RT @ 20.25/20.25 BPM. TOTAL TO REC 613 BBLS. RU SCHLUMBERGER. BROKE DOWN DUE TO COMPUTER FAILURE, WAITING FOR ANOTHER TRUCK. RIH W/3-3/8" PORT PLUG GUN W/ 180% PHASING 2 SPF, 0.34 ENTRY HOLES, PERFORATE 7756', 7671', 7666', 7599', 7517'. PRESSURE 1800 PSI. BREAKDOWN @ 4718 PSI. FRAC STAGE #2 W/ 151,641# 20/40 MESH & 44,000 GALS GEL FLUID. FLUSH W 93 BBLS. DISPLACE 840 GALS 15% HCL. ISIP 5000 PSI, MAX/AVG P = 5000/3800 PSI, FINAL 5000 PSI. MAX/AVG RT = 27.5/26.0 BPM (TAG W/ IRIIDIUM. 1018 BLLTR. RIH W/ 3-3/8" PORT PLUG GUN, 180% PHASING, 2 SPF, .034" HOLE, TOTAL 14 HOLES. PERF 7114'-16', 7028', 6905', 6713', 6375'. PRESS @ 1400 PSI. BREAKDOWN PERFS @ 4700 PSI, 10 BPM. PMP 240 BBLS CROSSLINK GEL @ 13 BPM @ 5000 PSI. COULD NOT FRAC STAGE #3. FLOW WELL BACK @ 8:00 PM ON 20/64" CHK W/ 1150 PSI TO CLEAN UP WELLBORE. FLOW WELL ALL NIGHT.

TIME... CP...CHK. BWPH. SD  
12PM...1150...20...20...NON  
1:00AM. 1050...20...20...NON  
2:00...1050...20...20...TR  
3:00...1050...18...20...TR  
5:00...1050...18...20...NON  
6:00...900...18...20...NON  
6:30...800...18...20...NON  
PMPD 1871 BLWTR, REC 170 BLW, 1018 BLLTR, GAS 700 MCFPD.

**PERC****WELL CHRONOLOGICAL REPORT**

WELL NAME: MORGAN STATE #11-36

FIELD NAME: NATURAL BUTTES

COUNTY: UINTAH

AFE#: 27057

OPERATOR: COASTAL OIL &amp; GAS CORP.

SPUD DATE:

WI%:

DATE: 6/27/97

DEPTH:

8036

ACTIVITY AT REPORT TIME: RU OWP TO SET CIB IN TBG.

HOURS:

0.00

PROGRESS:

0 ft

MW:

0.0

DAILY COST:

\$3,560.00

CUMM COST :

\$1,087,382.40

ACTIVITY LAST  
24 HOURS:

SICP 1200 PSI, SICP 1300 PSI. RU HARD LINES TO CIRC PIT. INSTALL POS. CHK ON LINE INTO PIT. OPEN TBG TO PIT ON 30" CHK. START PMPG INTO CSG @ 3+ BPM, CIRC 3 HRS. SI WELL @ 11:15 AM. AT 11:30 AM, BOTH SIDES HAD 800#. OPEN TBG TO PIT, FULL OPEN, PSI FELL TO LESS THAN 100#. REMOVE POWER SWIVEL, INSTALL TIW. LD SWIVEL, CLEAN CIRC PIT & SWAB LUB. PMPD 350 BLWTR, REC 310 BLW, 40 BLLTR.

DATE: 6/28/97

DEPTH:

8036

ACTIVITY AT REPORT TIME: ND BOPS, NU TREE, PULL PLUG OUT X-NIPPLE

HOURS:

0.00

PROGRESS:

0 ft

MW:

0.0

DAILY COST:

\$24,802.00

CUMM COST :

\$1,112,184.40

ACTIVITY LAST  
24 HOURS:

SITP 1800 PSI, SICP 1300 PSI. PUMP 30 BBLS 3% KCL IN TBG, PSI AFTER 1000#. MIRU OWP W/ GREASE. RIH 1.75 GAUGE TO MILL. POH & RIH 2-3/8" CIB SET INSIDE JT .233 17', FROM TOP END. MILL ON BTM. POH, RD & RLS OWP. POH - LD 80 JTS. RU SWAB. SWAB TO 5000'. MIRU CUDD. POH 76 STDS, 1 SINGLE, LD LAST JT & MILL. PU & RIH NC 1 JT X-NIPPLE W/PLUG IN PLACE, 154 JTS, HANGER, LAND IN TBG SPOOL. RD & RLS CUDD. SN @ 4839', EOT @ 4871'. PMPD 30 BLWTR, REC 20 BLW, 10 BLLTR. SDF TIME. ....CP. TP. CHK. WTR. SD  
10:30AM. 1125 .1125. 30. .20. .M  
11:00. ....825 .1500. 18. .20. .M  
12:PM. ....825 .1500. 18. .20. .M  
1:00. ....875 .1500. 18. .20. .M-H  
2:00. ....825 .1325. 18. .20. .L-M  
3:15. ....775 .1325. 18. .23. .L  
5:00. ....800 .1325. 18. .30. .L  
700 MCF, 205 BLW, REAL WET GAS

**PERC****WELL CHRONOLOGICAL REPORT**

WELL NAME: MORGAN STATE #11-36

FIELD NAME: NATURAL BUTTES

COUNTY: UINTAH

AFE#: 27057

OPERATOR: COASTAL OIL &amp; GAS CORP.

SPUD DATE:

WI%:

DATE: 6/29/97

DEPTH: 8036

ACTIVITY AT REPORT TIME: FLOW BACK REPORT

HOURS: 0.00

PROGRESS: 0 ft

MW: 0.0

DAILY COST: \$2,750.00 CUMM COST: \$1,114,934.40

ACTIVITY LAST  
24 HOURS:

SITP 1100 PSI, SICP 1100 PSI. KILL TBG, ND BOP, NU WH, RETRIEVE PLUG FROM X-NIPPLE, WELL TO  
PIT ON 30/64" CHK @ 10:30. RDMO CWS.  
TIME . . . . CP. TP. CHK. WTR. SD  
. 5:PM . . . 1550 . 700. 18. 40. . . T  
. 6:00 . . . 1600 . 700. 18. 40. . . T  
. 7:00 . . . 1600 . 650. 18. 35. . . T  
. 8:00 . . . 1625 . 625. 18. 35. . . T  
. 9:00 . . . 1650 . 700. 18. 35. . . T  
10:00 . . . 1650 . 675. 18. 35. . . T  
11:00 . . . 1700 . 700. 18. 35. . . T  
12:AM . . . 1725 . 675. 18. 35. . . T  
. 1:00 . . . 1750 . 700. 18. 35. . . T  
. 2:00 . . . 1800 . 705. 18. 35. . . T  
. 3:00 . . . 1750 . 750. 18. 35. . . T  
. 4:00 . . . 1725 . 750. 18. 35. . . T  
. 5:00 . . . 1700 . 775. 18. 35. . . T  
. 6:00 . . . 1650 . 800. 18. 35. . . T  
REC 705 BLW, 500 BLLTR

DATE: 6/30/97

DEPTH: 8036

ACTIVITY AT REPORT TIME: FLOW BACK REPORT

HOURS: 0.00

PROGRESS: 0 ft

MW: 0.0

DAILY COST: \$0.00 CUMM COST: \$1,114,934.40

ACTIVITY LAST  
24 HOURS:

TIME . . . . CP. TP. CHK. WTR. SD  
. 5:PM . . . 1400 . 700. 18. 30. . . T  
. 6:00 . . . 1400 . 700. 18. 30. . . T  
. 7:00 . . . 1400 . 700. 18. 30. . . T  
. 8:00 . . . 1400 . 700. 18. 30. . . T  
. 9:00 . . . 1350 . 675. 18. 30. . . T  
10:00 . . . 1350 . 700. 18. 30. . . T  
11:00 . . . 1350 . 700. 18. 30. . . T  
12:AM . . . 1300 . 700. 18. 30. . . T  
. 1:00 . . . 1300 . 675. 18. 30. . . T  
. 2:00 . . . 1300 . 625. 18. 30. . . T  
. 3:00 . . . 1250 . 650. 18. 30. . . T  
. 4:00 . . . 1250 . 650. 18. 30. . . T  
. 5:00 . . . 1250 . 650. 18. 30. . . T  
. 6:00 . . . 1250 . 650. 18. 30. . . T  
900 MCF, 720 BLLTR

**PERC****WELL CHRONOLOGICAL REPORT**

WELL NAME: MORGAN STATE #11-36

FIELD NAME: NATURAL BUTTES

COUNTY: UINTAH

AFE#: 27057

OPERATOR: COASTAL OIL &amp; GAS CORP.

SPUD DATE:

WI%:

DATE: 7/1/97

DEPTH:

8036

ACTIVITY AT REPORT TIME: ON PRODUCTION

HOURS:

0.00

PROGRESS: 0 ft

MW:

0.0

DAILY COST:

\$0.00

CUMM COST :

\$1,114,934.40

ACTIVITY LAST  
24 HOURS:

TIME	CP	TP	BW	MCF
6:30	.1140	.600	33.4	350
7:30	.1125	.600	15.3	350
8:30	.1120	.600	15	375
9:30	.1100	.675	13	375
10:30	.1100	.600	11.6	400
11:30	.1075	.600	13.3	400
12:AM	.1050	.600	16	400
1:30	.1050	.600	15	400
2:30	.1025	.600	13.3	400
3:30	.1020	.600	13.3	400
4:30	.1020	.600	8.3	400
5:30	.1000	.600	8.3	400

FLWG 400 MCF, 250 BW, FTP 600 PSI, CP 1000 PSI ON 20/64" CHK.

DATE: 7/2/97

DEPTH:

8036

ACTIVITY AT REPORT TIME: ON PRODUCTION

HOURS:

0.00

PROGRESS: 0 ft

MW:

0.0

DAILY COST:

\$0.00

CUMM COST :

\$1,114,934.40

ACTIVITY LAST  
24 HOURS:

FLWG 300 MCF, 261 BW, FTP 500 PSI, CP 960 PSI ON 24/64" CHK.

DATE: 7/3/97

DEPTH:

8036

ACTIVITY AT REPORT TIME: ON PRODUCTION

HOURS:

0.00

PROGRESS: 0 ft

MW:

0.0

DAILY COST:

\$0.00

CUMM COST :

\$1,114,934.40

ACTIVITY LAST  
24 HOURS:

FLWG 378 MCF, 105 BW, FTP 400 PSI, CP 900 PSI ON 24/64" CHK.

WELL NAME: MORGAN STATE #11-36

FIELD NAME: NATURAL BUTTES

COUNTY: UINTAH

AFE#: 27057

OPERATOR: COASTAL OIL &amp; GAS CORP.

SPUD DATE:

WI%:

DATE: 7/4/97

DEPTH:

8036

ACTIVITY AT REPORT TIME: ON PRODUCTION

HOURS:

0.00

PROGRESS: 0 ft

MW:

0.0

DAILY COST: \$0.00

CUMM COST :

\$1,114,934.40

ACTIVITY LAST  
24 HOURS:

FLWG 287 MCF, 75 BW, FTP 325 PSI, CP 710 PSI ON 30/64" CHK.

DATE: 7/5/97

DEPTH:

8036

ACTIVITY AT REPORT TIME: ON PRODUCTION

HOURS:

0.00

PROGRESS: 0 ft

MW:

0.0

DAILY COST: \$0.00

CUMM COST :

\$1,114,934.40

ACTIVITY LAST  
24 HOURS:

FLWG 300 MCF, 125 BW, FTP 340 PSI, CP 740 PSI ON 30/64" CHK.

DATE: 7/6/97

DEPTH:

8036

ACTIVITY AT REPORT TIME: ON PRODUCTION

HOURS:

0.00

PROGRESS: 0 ft

MW:

0.0

DAILY COST: \$0.00

CUMM COST :

\$1,114,934.40

ACTIVITY LAST  
24 HOURS:

FLWG 316 MCF, 105 BW, FTP 375 PSI, CP 750 PSI ON 30/64" CHK.

WELL NAME: MORGAN STATE #11-36

FIELD NAME: NATURAL BUTTES

COUNTY: UINTAH

AFE#: 27057

OPERATOR: COASTAL OIL &amp; GAS CORP.

SPUD DATE:

WI%:

DATE: 7/7/97

DEPTH:

8036

ACTIVITY AT REPORT TIME: ON PRODUCTION

HOURS:

0.00

PROGRESS: 0 ft

MW:

0.0

DAILY COST: \$0.00

CUMM COST : \$1,114,934.40

ACTIVITY LAST  
24 HOURS:

FLWG 274 MCF, 106 BW, FTP 320 PSI, CP 700 PSI ON 30/64" CHK.

DATE: 7/8/97

DEPTH:

8036

ACTIVITY AT REPORT TIME: ON PRODUCTION

HOURS:

0.00

PROGRESS: 0 ft

MW:

0.0

DAILY COST: \$0.00

CUMM COST : \$1,114,934.40

ACTIVITY LAST  
24 HOURS:

FLOWING 252 MCF, 130 BW, FTP 300#, CP 710#, 30/64" CHK.

DATE: 7/9/97

DEPTH:

8036

ACTIVITY AT REPORT TIME: ON PRODUCTION

HOURS:

0.00

PROGRESS: 0 ft

MW:

0.0

DAILY COST: \$0.00

CUMM COST : \$1,114,934.40

ACTIVITY LAST  
24 HOURS:

FLOWING 238 MCF, 80 BW, FTP 300#, CP 660#, 30/64" CHK.



WELL NAME: MORGAN STATE #11-36

FIELD NAME: NATURAL BUTTES

COUNTY: UINTAH

AFE#: 27057

OPERATOR: COASTAL OIL &amp; GAS CORP.

SPUD DATE:

WI%:

DATE: 7/10/97      DEPTH: 8036      ACTIVITY AT REPORT TIME:  
HOURS: 0.00      PROGRESS: 0 ft  
MW: 0.0      DAILY COST: \$12,850.00      CUMM COST: \$1,127,784.40

ACTIVITY LAST  
24 HOURS:

MIRU CAMCO 1-1/4 CTU, HOT OIL TRUCK, WATER TRUCK AND N2 TRUCK. RIH W/ CT, HIT A BRIDGE @ 6607'. WORK THROUGH TIGHT SPOT, WORK COIL TBG DOWN HOLE CLEANING OUT TO 7306' (CAMCO COUNTER MEAS) WORK AT THAT DEPTH FOR ONE HOUR, DID NOT MAKE ANY HOLE. POOH W/ COIL TBG. RD CAMCO, HOT OIL UNIT & WATER TRUCK. POSSIBLE BP @ 7320'. USED 300,000 SCF N2. MISC INCLUDES COIL TBG.

DATE: 7/11/97      DEPTH: 8036      ACTIVITY AT REPORT TIME: WO RIG  
HOURS: 0.00      PROGRESS: 0 ft  
MW: 0.0      DAILY COST: \$0.00      CUMM COST: \$1,127,784.40

ACTIVITY LAST  
24 HOURS:

WAITING ON RIG

DATE: 7/12/97      DEPTH: 8036      ACTIVITY AT REPORT TIME: PU & RIH W/TBG. CO WELLBORE TO PBTD  
HOURS: 0.00      PROGRESS: 0 ft  
MW: 0.0      DAILY COST: \$4,500.00      CUMM COST: \$1,132,284.40

ACTIVITY LAST  
24 HOURS:

CP 300 PSI, TP 550 PSI. MIRU CWS RIG #70. BLEW WELL & KILL WELL W/ 3% KCL WTR (150 BBLS) ND WH. NU BOP. POH W/2-3/8" TBG. RIH W/ 3-7/8" MILL, 1 JT, 'X' NIPPLE & 154 JTS, 2-3/8" TBG ABOVE PERFS. SDFN

WELL NAME: MORGAN STATE #11-36

FIELD NAME: NATURAL BUTTES

COUNTY: UINTAH

AFE#: 27057

OPERATOR: COASTAL OIL & GAS CORP.

SPUD DATE:

WI%:

DATE: 7/13/97      DEPTH: 8036      ACTIVITY AT REPORT TIME: PREP TO MILL DN BP AND CLEAN OUT  
HOURS: 0.00      PROGRESS: 0 ft  
MW: 0.0      DAILY COST: \$4,027.00      CUMM COST : \$1,136,311.40

**ACTIVITY LAST  
24 HOURS:**

CHECK WELL, 1000# ON TBG, 725 ON CP. PU TBG & RIH, TAG @ 7320'. PMP 120 BBLS 3% KCL, ESTABLISH CIRCULATION. PMP 3 BPM, LOSING 1 BPM. MILL DN BP FOR 2 HRS. PLUG CAME FREE, RUN TBG TO 7620'. PU 7 JTS TBG. RIH TO 7847', TAG. START MILLING. MILL FROM 7847' TO 7855' IN 2 HRS, LOST 635 BBLS INTO FORMATION. CIRC HOLE. POOH W/ TBG TO 4871'. RUBBER AND IRON CHUNKS IN RETURNS AND GETTING HUNG UP IN SURFACE PIPING. SDFN

DATE: 7/14/97      DEPTH: 8036      ACTIVITY AT REPORT TIME: FREE POINT, CUT TUBING  
HOURS: 0.00      PROGRESS: 0 ft  
MW: 0.0      DAILY COST: \$5,614.00      CUMM COST : \$1,141,925.40

**ACTIVITY LAST  
24 HOURS:**

CHECK WELL TBG, 0# CP. SLIGHT BLOW, START CIRC. PMP 15 BBLS, TAG @ 7820', MILL 3 HRS. MILL TO 7826', LOST 90 BBLS TO FORMATION. POOH W/TBG AND MILL TIGHT SPOT @ 7806'. WORK FREE & POOH. MILL WORE OUT. RIH W/ 3-7/8" BURN SHOE AND 4' LONG 3-3/4" OD. WP, TAG @ 7826'. MILL DOWN TO 7924', LOST CIRCULATION, MILL PLUGGED UP LOST TORK PIPE - WOULD NOT WORK FREE. JARRED 70,000 - PIPE STUCK, SDFN.

DATE: 7/15/97      DEPTH: 8036      ACTIVITY AT REPORT TIME: PREP TO RD. WAIT FOR COIL TUBING  
HOURS: 0.00      PROGRESS: 0 ft  
MW: 0.0      DAILY COST: \$3,626.00      CUMM COST : \$1,145,551.40

**ACTIVITY LAST  
24 HOURS:**

MIRU CUTTERS WL, TAG SAND @ 7587'. TBG FREE, POOH - RD WL. SWI, WAIT FOR CT.

WELL NAME: MORGAN STATE #11-36

FIELD NAME: NATURAL BUTTES

COUNTY: UINTAH

AFE#: 27057

OPERATOR: COASTAL OIL &amp; GAS CORP.

SPUD DATE:

WI%:

DATE: 7/16/97

DEPTH:

8036

ACTIVITY AT REPORT TIME: PREP TO CO TBG W/ 1/4 CTU &amp; N2

HOURS:

0.00

PROGRESS: 0 ft

MW:

0.0

DAILY COST: \$2,063.00

CUMM COST :

\$1,147,614.40

ACTIVITY LAST  
24 HOURS:STARTED TO RD. LOCATED CTU, WAIT FOR CTU TO GET TO LOCATION. LEAD CUDD CTU TO  
LOCATION. RU CTU.. SDFN

DATE: 7/17/97

DEPTH:

8036

ACTIVITY AT REPORT TIME: POOH W/ TBG. RIH W/ OS, BB JARS &amp; DC

HOURS:

0.00

PROGRESS: 0 ft

MW:

0.0

DAILY COST: \$17,456.00

CUMM COST :

\$1,165,070.40

ACTIVITY LAST  
24 HOURS:

CHECK WELL, CHECK EQUIP. BUILD FL. RIH W/ 1-1/4 CT, TAG SD @ 7587'. CO TO FISHING TOOLS @ 7920'. SET ON BTM, CO UNTIL TBG CLEANED. CLEANED OUT ON BTM FOR 2-2/1 HOURS. CLEANED OUT TO A REAL SLIGHT SHOW OF CRUSHED SD. (1100 PSI ON BS DURING JOB, NO PRESS CHANGE). POOH W/ CT. PULL AND WORK TBG, STILL STUCK. RU CUTTERS. RIH W/ WL, FREE POINT TBG. PMP 10 BW TO KILL WELL, PIPE 60% FREE @ 7917'. POOH. RIH W/ CHEMICAL CUTTER, CUT TBG @ 7902'. POOH W/ WL. POOH W/ 116 JTS TO 4802' (TOP PERF @ 4903') LEAVE WELL FLOWING TO PIT (12 CHK) USED 158,500 SCF OF N2. MISC CHG ROUSTABOUT CT AND N2. SDFN

DATE: 7/18/97

DEPTH:

8036

ACTIVITY AT REPORT TIME: KILL WELL PREP TO LAY ON DC

HOURS:

0.00

PROGRESS: 0 ft

MW:

0.0

DAILY COST: \$8,547.00

CUMM COST :

\$1,173,617.40

ACTIVITY LAST  
24 HOURS:

CHECK WELL, CASING SLIGHT BLOW TUBING 700 PSI BLED WELL DOWN PUMP 10 BBL WATER TO KILL WELL POOH WITH TUBING RIH WITH OS, BS, JARS, 4DC, AND ACC, TAG SAND AT 7901 COULD NOT LATCH ON FISH, JAR ONE TIME 10 OVER, FISH CAME FREE. KILL WELL WITH 10 BBL WATER POOIPOOH WITH FISHING TOOLS 15 FEET 2 3/8 TUBING WASH PIPE AND BURN SHOE NOTHING INSIDE BURN SHOE R U DELSCO SLICK LINE, RIH TAG AT 7935 (NEW PB) POOH, RD SLICK LINE RIH WITH 20 STANDS TUBING FOR KILL STRING. SDFN

**PERC****WELL CHRONOLOGICAL REPORT**

WELL NAME: MORGAN STATE #11-36

FIELD NAME: NATURAL BUTTES

COUNTY: UINTAH

AFE#: 27057

OPERATOR: COASTAL OIL &amp; GAS CORP.

SPUD DATE:

WI%:

DATE: 7/19/97

DEPTH:

8036

ACTIVITY AT REPORT TIME: RIH CHECK PBTD LD PIPE &amp;

HOURS:

0.00

PROGRESS: 0 ft

MW:

0.0

DAILY COST: \$5,986.00

CUMM COST : \$1,179,603.40

ACTIVITY LAST  
24 HOURS:

bled well off. POOH W/KILL STRING. RIH W/DC, POOH, LD DC. KILL WELL W/20 BBLs WTR. PU  
& RIH W/NOTCHED COLLAR, 1 JT TBG, X NIPPLE, RIH W/252 MORE JTS. TAG @ 7924'. PU SWIVEL,  
BREAK CIRC CLEAN TO 7986' CIRC & CLEAN HOLE. POOH 33 JTS. SIFN.

DATE: 7/20/97

DEPTH:

8036

ACTIVITY AT REPORT TIME: PREP TO SWB

HOURS:

0.00

PROGRESS: 0 ft

MW:

0.0

DAILY COST: \$8,954.00

CUMM COST : \$1,188,557.40

ACTIVITY LAST  
24 HOURS:

SITP 1000#, SICP 1000#. PMP 20 BBLs DWN TBG. TIH TO PBTD @ 7986'. LD TBG, LAND @  
7437', TAG TBG HGR. RD. ND BOP, NU TREE. BROUCH TBG. MIRU SU. SWB 80 BF / 5  
RUNS. IFL 1300', FFL 1200'. FLW TO PIT ON 20/64" CHK. SDFN.

DATE: 7/21/97

DEPTH:

8036

ACTIVITY AT REPORT TIME: SWB.

HOURS:

0.00

PROGRESS: 0 ft

MW:

0.0

DAILY COST: \$1,113.00

CUMM COST : \$1,189,670.40

ACTIVITY LAST  
24 HOURS:

MIRU SU. IFL 2000#. SWB 3 RUNS. FLW TO PIT OE / 3 HRS. PUT ON 28/64" CHK. FFL 500'.  
FTP 50 PSI, FCP 1050 PSI. REC 90 BF, 710 BLFTR.

**PERC****WELL CHRONOLOGICAL REPORT**

WELL NAME: MORGAN STATE #11-36

FIELD NAME: NATURAL BUTTES

COUNTY: UINTAH

AFE#: 27057

OPERATOR: COASTAL OIL &amp; GAS CORP.

SPUD DATE:

WI%:

DATE: 7/22/97

DEPTH:

8036

ACTIVITY AT REPORT TIME: WELL OPEN TO PIT

HOURS:

0.00

PROGRESS: 0 ft

MW:

0.0

DAILY COST: \$1,039.00

CUMM COST: \$1,190,709.40

ACTIVITY LAST  
24 HOURS:

SITP, SICP 1500#. IFL 1200'. RUSU. SWB 160 BF / 7 RUNS. LET WELL FLW TO PIT / 4 HRS.  
WELL DIED. PUT 28/64" CHK IN LINE, PUT 3 GALS SOAP DWN CSG. LEFT OPEN TO PIT. FTP  
0#, FCP 850 PSI. FFL 500'. 550 BLFTR.

DATE: 7/23/97

DEPTH:

8036

ACTIVITY AT REPORT TIME: FLWG TO PIT

HOURS:

0.00

PROGRESS: 0 ft

MW:

0.0

DAILY COST: \$943.00

CUMM COST: \$1,191,652.40

ACTIVITY LAST  
24 HOURS:

SITP 20#, SICP 1450#. IFL 1800'. RU SU. SWB 80 BF / 7 RUNS. FLW TO PIT. HOOK UP FLW  
LINE, START SELLING GAS @ 12:15. FTP 425#, FCP 1275#, FFL 1600'. CAME BACK @ 2:00 P.M.  
WELL WAS LOGGED OFF, NOT FLWG. HOOKED BACK UP TO PIT W/ 20/64" CHK IN LINE. FTP  
150 PSI, FCP 1050 PSI. REC 200 BLF, 350 BLFTR.

DATE: 7/24/97

FROM 7/24/97 TO 7/28/97 WELL BLOWING TO PIT.

DATE: 7/29/97

DEPTH:

8036

ACTIVITY AT REPORT TIME: SELLING DWN LINE

HOURS:

0.00

PROGRESS: 0 ft

MW:

0.0

DAILY COST: \$4,784.00

CUMM COST: \$1,196,436.40

ACTIVITY LAST  
24 HOURS:

INSTALL PLE. SITP 130#, SICP 540". DROP PMPR SPRING & PLUNGER FLW TO TANK / 1 HR.  
PLUNGER DID NOT RTN. MIRU SU. WL FISHED PLUNGER @ 3115'. (PMPR SPRING & JDC  
WENT THRU XN TO PBTD @ 7970'.) RD SU. FTP 500#, FCP 700#, FFL 2200'. PUT WELL ON  
SALES.

**WELL NAME:** MORGAN STATE #11-36

**FIELD NAME:** NATURAL BUTTES

**COUNTY:** UINTAH

**AFE#:** 27057

**OPERATOR:** COASTAL OIL & GAS CORP.

**SPUD DATE:**
**WI%:**
**DATE:** 7/30/97

**DEPTH:**

8036

**ACTIVITY AT REPORT TIME:** SI F/ PBU

**HOURS:**

0.00

**PROGRESS:**

0 ft

**MW:**

0.0

**DAILY COST:**

\$972.00

**CUMM COST :**

\$1,197,408.40

**ACTIVITY LAST  
24 HOURS:**

SITP 700#, SICP 820#. MIRU WL. RIH 1925' SWDG TIGHT SPOTS @ 664', 3108', 6120' & 6930'.  
STUCK IN X-N @ 7401'. SWDG WHILE POOH. RIH W/BROUCH. POOH. RIH W/ COLLAR STOP.  
W/N SET. POOH TO 7340', SET COLLAR STOP. DROP PMPR SPRING. RD. SDFN.

**DATE:** 7/31/97

FLWG 231 MCFD, 55 BW, FTP 275#, CP 725#, ON A 30/64# CHK, 24 HRS.

**DATE:** 8/1/97

FLWG 3 MCFD, 67 BW, FTP 460#, CP 675#, ON A 30/64" CHK, 24 HRS.

**DATE:** 8/2/97

FLWG 72 MCFD, 77 BW, FTP 255#, CP 575#, ON A 30/64" CHK, 24 HRS.

**DATE:** 8/3/97

FLWG 59 MCFD, 58 BW, FTP 255#, CP 575#, ON A 30/64" CHK, 24 HRS.

**DATE:** 8/4/97

FLWG 51 MCFD, 56 BW, FTP 260#, CP 525#, ON A 20/64" CHK, 24 HRS.

**DATE:** 8/5/97

FLWG 80 MCFD, 50 BW, FTP 275#, CP 525#, ON A 25/64" CHK, 24 HRS.

**DATE:** 8/6/97

FLWG 54 MCFD, 46 BW, FTP 320#, CP 525#, ON A 25/64" CHK, 24 HRS.

**DATE:** 8/7/97

FLWG 60 MCFD, 71 BW, FTP 255#, CP 425#, ON A 25/64" CHK, 24 HRS.

**DATE:** 8/8/97

FLWG 94 MCFD, 25 BW, FTP 250#, CP 625#, ON A 35/64" CHK, 24 HRS.

**DATE:** 8/9/97

FLWG 131 MCFD, 14 BW, FTP 250#, CP 625#, ON A 35/64" CHK, 24 HRS.

**DATE:** 8/10/97

FLWG 141 MCFD, 15 BW, FTP 525#, CP 725#, ON A 35/64" CHK, 24 HRS.

**DATE:** 8/11/97

FLWG 140 MCFD, 15 BW, FTP 525#, CP 725#, ON A 35/64" CHK, 24 HRS.

**DATE:** 8/12/97

FLWG 148 MCFD, 40 BW, FTP 475#, CP 710#, ON A 35/64" CHK, 24 HRS.

**DATE:** 8/13/97

FLWG 118 MCFD, 66 BW, FTP 525#, CP 775#, ON A 35/64" CHK, 24 HRS.

**DATE:** 8/14/97

FLWG 143 MCFD, 22 BW, FTP 525#, CP 700#, ON A 35/64" CHK, 24 HRS.

**DATE:** 8/15/97

FLWG 134 MCFD, 15 BW, FTP 480#, CP 740#, ON A 35/64" CHK, 24 HRS.  
IP DATE - 7/2/97: FLWG 378 MCFD, 105 BW, FTP 400#, CP 900#, ON A 24/64" CHK.  
FINAL REPORT.

## STATE OF UTAH

## DIVISION OF OIL, GAS AND MINING

## WELL COMPLETION OR RECOMPLETION REPORT AND LOG

<b>1a. TYPE OF WELL:</b> OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> DRY <input type="checkbox"/> Other _____ <b>b. TYPE OF COMPLETION:</b> NEW WELL <input checked="" type="checkbox"/> WORK OVER <input type="checkbox"/> DEEP-EN <input type="checkbox"/> PLUG BACK <input type="checkbox"/> DIFF. RESVR. <input type="checkbox"/> Other _____						5. LEASE DESIGNATION AND SERIAL NO. <b>ML-22265</b>	
						6. IF INDIAN, ALLOTTEE OR TRIBE NAME <b>N/A</b>	
2. NAME OF OPERATOR <b>Coastal Oil &amp; Gas Corporation</b>						7. UNIT AGREEMENT NAME <b>N/A</b>	
3. ADDRESS OF OPERATOR <b>P.O. Box 749, Denver, CO 80201-0749</b>						8. FARM OR LEASE NAME <b>Morgan State</b>	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements) At surface <b>1943' FSL &amp; 1843' FEL (NESW)</b> At top prod. interval reported below  At total depth						9. WELL NO. <b>#11-36</b>	
						10. FIELD AND POOL, OR WILDCAT <b>Natural Buttes Field</b>	
14. API NO. <b>43-047-32813</b> DATE ISSUED <b>1/16/97</b>						11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA <b>Section 36 T9S-R21E</b>	
15. DATE SPUDDED <b>4/29/97</b>						12. COUNTY <b>Uintah</b>	
16. DATE T.D. REACHED <b>5/27/97</b>						13. STATE <b>Utah</b>	
17. DATE COMPL. (Ready to prod.) or (Plug & Abd.) <b>7/31/97</b>						18. ELEVATIONS (DF, RKB, RT, GR, ETC.) <b>5087 GR</b>	
20. TOTAL DEPTH, MD & TVD <b>8036'</b>		21. PLUG, BACK T.D., MD & TVD <b>7986'</b>		22. IF MULTIPLE COMPL., HOW MANY		23. INTERVALS DRILLED BY <b>X</b>	
24. PRODUCING INTERVAL(S), OF THIS COMPLETION - TOP, BOTTOM, NAME (MD AND TVD) <b>Wasatch: 7947-6375', 4903-5608' WSMV 12 Per JRB</b>						25. WAS DIRECTIONAL SURVEY MADE <b>Single shot</b>	
26. TYPE ELECTRIC AND OTHER LOGS RUN <b>HALS/LDT/CNL/GR/CAL, CBL 6-20-97</b>						27. Was Well Cored YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> (Submit analysis) Drill System Test YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> (See reverse side)	
28. CASING RECORD (Report all strings set in well)							
CASING SIZE/GRADE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD		AMOUNT PULLED	
8 5/8", K-55	24#	250'	11"	See attached chrono 4/30/97			
4 1/2", N80	11.6#	8036'	7 7/8"	See attached chrono 5/30/97			
29. LINER RECORD							
SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT	SCREEN (MD)	30. TUBING RECORD		
					SIZE	DEPTH SET (MD)	PACKER SET (MD)
					2 3/8"	7437'	
31. PERFORATION RECORD (Interval, size and number)				32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.			
7947-7960, (4 spf 52 holes)				DEPTH INTERVAL (MD)			
7756, 7671, 7666, 7599, 7517, 7501 (2 spf, 12 holes)				AMOUNT AND KIND OF MATERIAL USED			
7114-16, 7028, 6905, 6713, 6375 (2 spf, 14 holes)				7947-60' See attached chrono - 6/21/97			
4903, 5556-57, 5605-08 (2 spf, 14 holes)				7756-6375' See attached chrono - 6/21 & 6/22			
				4903-5608' See attached chrono - 6/22/97			
33. PRODUCTION							
DATE FIRST PRODUCTION <b>6/21/97</b>		PRODUCTION METHOD (Flowing, gas lift, pumping - size and type of pump) <b>Flowing</b>				WELL STATUS (Producing or shut-in) <b>Producing</b>	
DATE OF TEST <b>7/3/97</b>	HOURS TESTED <b>24</b>	CHOKE SIZE <b>24/64"</b>	PROD'N. FOR TEST PERIOD <b>0</b>	OIL - BBL. <b>0</b>	GAS - MCF. <b>378</b>	WATER - BBL. <b>105</b>	GAS - OIL RATIO
FLOW. TUBING PRESS. <b>400#</b>	CASING PRESSURE <b>900#</b>	CALCULATED 24-HOUR RATE <b>0</b>	OIL - BBL. <b>0</b>	GAS - MCF. <b>378</b>	WATER - BBL. <b>105</b>	OIL GRAVITY - API (CORR.)	
34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) <b>Sold</b>						TEST WITNESSED BY	
35. LIST OF ATTACHMENTS <b>Chronological history</b>							
36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records							
SIGNED <u>Sheila Bremer</u>				TITLE <b>Environmental &amp; Safety Analyst</b>		DATE <b>10/17/97</b>	

See Spaces for Additional Data on Reverse Side

# INSTRUCTIONS

This form should be completed in compliance with the Utah Oil and Gas Conservation General Rules. If not filed prior to this time, all logs, tests, and directional surveys as required by Utah Rules should be attached and submitted with this report.

ITEM 18: Indicate which elevation is used as reference for depth measurements given in other spaces on this form and on any attachment.

ITEMS 22 and 24: If this well is completed for separate production from more than one interval zone (multiple completion), so state in item 22, and in item 24 show the producing interval, or intervals, top(s), bottom(s) and name(s) for only the interval reported in item 33. Submit a separate report (page) on this form, adequately identified, for each additional interval to be separately produced, showing the additional data pertinent to such interval.

ITEM 29: "Sacks Cement": Attached supplemental records for this well should show the details for any multiple stage cementing and the location of the cementing tool.

ITEM 33: Submit a separate completion report on this form for each interval to be separately produced (see instruction for items 22 and 24 above).

## 37. SUMMARY OF POROUS ZONES:

Show all important zones of porosity and contents thereof; cored intervals; and all drill-stem, tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures, and recoveries).

Formation	Top	Bottom	Description, contents, etc.	Name	Top	
					Meas. Depth	True Vert. Depth
				Wasatch	4666'	
					(+432 MSL)	
				Mesaverde	7345'	
					(-2247 MSL)	

## 38. GEOLOGIC MARKERS



**PERC****WELL CHRONOLOGICAL REPORT****WELL NAME:** MORGAN STATE #11-36**FIELD NAME:** NATURAL BUTTES**COUNTY:** UINTAH**AFE#:** 27057**OPERATOR:** COASTAL OIL & GAS CORP.**SPUD DATE:****WI%:****DATE:** 4/30/97**DEPTH:**

249

**ACTIVITY AT REPORT TIME:** WO ROTARY TOOLS**HOURS:**

0.00

**PROGRESS:** 0 ft**MW:**

0.0

**DAILY COST:** \$10,334.50**CUMM COST :**

\$10,334.50

**ACTIVITY LAST  
24 HOURS:**

SPUD WELL @ 2:00 PM 4/29/97 W/BILL JR RATHOLE. DRILL 11" HOLE TO 255. RIH W/6 JTS 8 5/8" 24# 8RD ST&amp;C CSG. TALLY RAN 249.65'. RAN 3 CENTRALIZERS. PU HOWCO. MIX &amp; PMP 85 SXS PREM CMT W/2% CACL2. DISPL W/132 BBLS H2O. CIRC APPROX 6 BBL CMT TO PIT

**DATE:** 5/9/97**DEPTH:**

269

**ACTIVITY AT REPORT TIME:** RU TO PRESS TEST BOP'S**HOURS:**

0.00

**PROGRESS:** 0 ft**MW:**

0.0

**DAILY COST:** \$10,714.00**CUMM COST :**

\$21,048.50

**ACTIVITY LAST  
24 HOURS:**

MOVE RIG 2 FROM CIGE 199 &amp; RU ON MORGAN STATE 11-36. DOUBLE JACK TESTING. RU TO TEST BOP'S. DAVE HACKFORD W/UTAH STATE HAS BEEN NOTIFIED

**DATE:** 5/10/97**DEPTH:**

919

**ACTIVITY AT REPORT TIME:** DRLG**HOURS:**

10.50

**PROGRESS:** 650 ft**MW:**

0.0

**DAILY COST:** \$27,966.40**CUMM COST :**

\$49,014.90

**ACTIVITY LAST  
24 HOURS:**

RU RT PRESS TEST BOP'S TO 2000', HYDRIL &amp; 8 5/8" CSG TO 1500 PU BHA INSTALL ROT HEAD &amp; UNLOAD HOLE DRILL CMT 200-269' DRLG 269-561' SURVEY @ 519' 1/2 DEGS DRLG 561-919'

**PERC****WELL CHRONOLOGICAL REPORT**

WELL NAME: MORGAN STATE #11-36

FIELD NAME: NATURAL BUTTES

COUNTY: UINTAH

AFE#: 27057

OPERATOR: COASTAL OIL &amp; GAS CORP.

SPUD DATE:

WI%:

DATE: 5/11/97

DEPTH:

2031

ACTIVITY AT REPORT TIME: DRLG

HOURS:

21.00

PROGRESS: 1112 ft

MW:

8.5

DAILY COST: \$15,489.50

CUMM COST :

\$64,504.40

ACTIVITY LAST  
24 HOURS:DRLG SURVEY DRLG RS DRLG SURVEY DRLG SWITCH TO AERATED WTR @ 1657'  
DRLG CHANGE ROT HEAD RUBBER DRLG

DATE: 5/12/97

DEPTH:

3220

ACTIVITY AT REPORT TIME: DRLG

HOURS:

22.50

PROGRESS: 1189 ft

MW:

8.6

DAILY COST: \$11,484.00

CUMM COST :

\$75,988.40

ACTIVITY LAST  
24 HOURS:

DRLG SURVEY DRLG SURVEY DRLG SURVEY DRLG

DATE: 5/13/97

DEPTH:

4172

ACTIVITY AT REPORT TIME: DRLG

HOURS:

23.00

PROGRESS: 952 ft

MW:

8.7

DAILY COST: \$21,241.00

CUMM COST :

\$97,229.40

ACTIVITY LAST  
24 HOURS:

DRLG RS DRLG SURVEY DRLG

**PERC****WELL CHRONOLOGICAL REPORT**

WELL NAME: MORGAN STATE #11-36

FIELD NAME: NATURAL BUTTES

COUNTY: UINTAH

AFE#: 27057

OPERATOR: COASTAL OIL &amp; GAS CORP.

SPUD DATE:

WI%:

DATE: 5/14/97      DEPTH: 4743      ACTIVITY AT REPORT TIME: DRLG  
HOURS: 16.50      PROGRESS: 571 ft  
MW: 8.8      DAILY COST: \$17,628.90      CUMM COST : \$114,858.30

ACTIVITY LAST 24 HOURS:      SURVEY   DRLG   TRIP FOR BIT #2   W&R 60' TO BTM   DRLG   SURVEY   DRLG

DATE: 5/15/97      DEPTH: 5185      ACTIVITY AT REPORT TIME: DRLG  
HOURS: 21.00      PROGRESS: 442 ft  
MW: 8.6      DAILY COST: \$30,433.70      CUMM COST : \$145,292.00

ACTIVITY LAST 24 HOURS:      DRLG   SURVEY   DRLG   SURVEY   DRLG   SURVEY   SWITCH TO AERATED WATER   DRLG  
SURVEY   DRLG   NOTE: DON BRAITHWAITH WAS HIT BY TONGS ONR IGH TLEG. CHECKED BY  
DR. WILCKEN IN VERNAL & RETURNED TO WORK.

DATE: 5/16/97      DEPTH: 5685      ACTIVITY AT REPORT TIME: DRLG  
HOURS: 23.00      PROGRESS: 500 ft  
MW: 8.7      DAILY COST: \$14,224.40      CUMM COST : \$159,516.40

ACTIVITY LAST 24 HOURS:      DRLG 5185-5326'   SURVEY   DRLG 5326-5512'   SURVEY   DRLG 5512-5685'. NO DB'S.

WELL NAME: MORGAN STATE #11-36

FIELD NAME: NATURAL BUTTES

COUNTY: UINTAH

AFE#: 27057

OPERATOR: COASTAL OIL &amp; GAS CORP.

SPUD DATE:

WI%:

DATE: 5/17/97      DEPTH: 6023      ACTIVITY AT REPORT TIME: TRIP FOR BIT #3  
HOURS: 23.00      PROGRESS: 338 ft  
MW: 8.6      DAILY COST: \$14,232.60      CUMM COST : \$173,749.00

ACTIVITY LAST 24 HOURS:      DRLG 5685-6007'      SURVEY      DRLG 6007-6023'      POOH FOR BIT

DATE: 5/18/97      DEPTH: 6023      ACTIVITY AT REPORT TIME: POOH  
HOURS: 0.00      PROGRESS: 0 ft  
MW: 8.6      DAILY COST: \$13,219.00      CUMM COST : \$186,968.00

ACTIVITY LAST 24 HOURS:      POOH FOR BIT #3. LOST 2 CONES      RS      WO MAGNET      TIH      W&R 5968-6023' & WORK MAGNET  
POOH. DIDN'T REC JUNK      LD MAGNET & PU USED BIT & JUNK SUB      TIH      INSTALL ROT HEAD &  
BREAK CIRC @ 5635'      W&R 5635-5735'      RIG REPAIR (LOOSE NUTS ON INPUT SHAFT)      W&R 5855-  
6012'. UNDER CAGE HOLE      TRY TO WORK PAST JUNK. SET BACK KELLY & STARTED OUT

DATE: 5/19/97      DEPTH: 6023      ACTIVITY AT REPORT TIME: TIH W/MILL  
HOURS: 0.00      PROGRESS: 0 ft  
MW: 8.6      DAILY COST: \$10,681.00      CUMM COST : \$197,649.00

ACTIVITY LAST 24 HOURS:      POOH W/RR BIT      TIH W/MILL      W&R 5945-6023'      MILLING ON CONE & WORK JUNK BASKET ON BTM  
POOH W/MILL      CHANGE MILL & JUNK BASKETS & TIH. WE'VE RECOVERED ENOUGH METAL FROM  
JUNK SUB TO HAVE 1 CONE OUT FROM WEAR PATTERN ON MILL. I BELIEVE THERE IS PART OF 1  
CONE IN HOLE.

**PERC****WELL CHRONOLOGICAL REPORT****WELL NAME:** MORGAN STATE #11-36**FIELD NAME:** NATURAL BUTTES**COUNTY:** UINTAH**AFE#:** 27057**OPERATOR:** COASTAL OIL & GAS CORP.**SPUD DATE:****WI%:****DATE:** 5/20/97**DEPTH:**

6023

**ACTIVITY AT REPORT TIME:** W&R**HOURS:**

0.00

**PROGRESS:** 0 ft**MW:**

8.7

**DAILY COST:** \$18,802.80**CUMM COST :**

\$216,451.80

**ACTIVITY LAST  
24 HOURS:**INSTALL ROT HEAD & DRILL PIPE W&R 6000-6023' MILL ON CONES POOH TIH W/BIT #3 CUT  
DRLG LINE RIG REPAIR. MUD PUMP & ROT TORQ GAUGE TIH TO 5500' W&R 5500-5976'**DATE:** 5/21/97**DEPTH:**

6410

**ACTIVITY AT REPORT TIME:** DRLG**HOURS:**

18.50

**PROGRESS:** 387 ft**MW:**

8.7

**DAILY COST:** \$11,093.50**CUMM COST :**

\$227,545.30

**ACTIVITY LAST  
24 HOURS:**W&R 5976-6007' UNLOAD HOLE W/AIR W&R 6007-6023' (TIGHT) DRLG 6023-6129 RS DRLG  
6129-6410'. DB 6215-23'**DATE:** 5/22/97**DEPTH:**

6828

**ACTIVITY AT REPORT TIME:** DRLG**HOURS:**

22.00

**PROGRESS:** 418 ft**MW:**

8.7

**DAILY COST:** \$18,098.30**CUMM COST :**

\$245,643.60

**ACTIVITY LAST  
24 HOURS:**RS DRLG 6410-6472' SURVEY DRLG 6472-6567' CHANGE ROT HEAD RUBBER DRLG 6567-  
6828'. DB: 6625-49', 6700-05'

**PERC****WELL CHRONOLOGICAL REPORT**

WELL NAME: MORGAN STATE #11-36

FIELD NAME: NATURAL BUTTES

COUNTY: UINTAH

AFE#: 27057

OPERATOR: COASTAL OIL &amp; GAS CORP.

SPUD DATE:

WI%:

DATE: 5/23/97      DEPTH: 7180      ACTIVITY AT REPORT TIME: DRLG  
HOURS: 22.50      PROGRESS: 352 ft  
MW: 8.7      DAILY COST: \$16,261.70      CUMM COST : \$261,905.30

ACTIVITY LAST 24 HOURS: DRLG 6828-6998' RS DRLG 8998-7058' SURVEY DRLG 7058-7180' DB: 6878-93', 7017-22', 7103-11'

DATE: 5/24/97      DEPTH: 7396      ACTIVITY AT REPORT TIME: BUILDING PIT VOLUME  
HOURS: 11.00      PROGRESS: 216 ft  
MW: 8.7      DAILY COST: \$17,990.50      CUMM COST : \$279,895.80

ACTIVITY LAST 24 HOURS: DRLG 7180-7303' RS DRLG 7303-7334' WORK TIGHT HOLE DRLG 7334-7396' LOAD HOLE W/WTR TRIP OUT W/BIT #3 TRIP IN W/BIT #4 TO 2900'. INSTALLED ROTATING HEAD RUBBER UNLOAD HOLE W/AIR TO BUILD VOLUME IN RESERVE PIT. DRLG BREAKS: 7349-7353', 7368-7376'

DATE: 5/25/97      DEPTH: 7630      ACTIVITY AT REPORT TIME: DRLG  
HOURS: 16.50      PROGRESS: 234 ft  
MW: 9.1      DAILY COST: \$15,904.00      CUMM COST : \$295,799.80

ACTIVITY LAST 24 HOURS: BUILD VOL TIH W&R 7291-7396' DRLG 7396-7549' SURVEY DRLG 7549-7630' DB: 7430-38', 7489-95', 7500-18', 7586-99'. CLOSED IN MUD SYS & DUAL HOLE. MUD UP BECAUSE OF TIGHT HOLE.

**PERC****WELL CHRONOLOGICAL REPORT**

WELL NAME: MORGAN STATE #11-36

FIELD NAME: NATURAL BUTTES

COUNTY: UINTAH

AFE#: 27057

OPERATOR: COASTAL OIL &amp; GAS CORP.

SPUD DATE:

WI%:

DATE: 5/26/97      DEPTH: 7890      ACTIVITY AT REPORT TIME: DRLG  
HOURS: 23.00      PROGRESS: 260 ft  
MW: 9.2      DAILY COST: \$13,631.50      CUMM COST : \$309,431.30

ACTIVITY LAST 24 HOURS: DRLG 7630-7818' REPAIR RIG OILER CHAIN RS DRLG 7818-7890'

DATE: 5/27/97      DEPTH: 8036      ACTIVITY AT REPORT TIME: CIRC & SPOT 10# BRINE  
HOURS: 12.50      PROGRESS: 146 ft  
MW: 8.7      DAILY COST: \$14,174.00      CUMM COST : \$323,605.30

ACTIVITY LAST 24 HOURS: RIG REPAIR (MUD PMP) DRLG 7890-8000' CIRC DRLG 8000-8036' CIRC & COND SHORT TRIP. TIGHT @ 4874' WORK TIGHT HOLE FIN SHORT TRIP OUT TO 3800' TIH. NO TIGHT SPOTS GOING IN CIRC & SPOT 10# GELLED BRINE ON BTM (400 BBLs). DB 7911-17', 7927-29', 7934-63'

DATE: 5/28/97      DEPTH: 8036      ACTIVITY AT REPORT TIME: TRIP OUT W/FISH  
HOURS: 0.00      PROGRESS: 0 ft  
MW: 0.0      DAILY COST: \$17,212.80      CUMM COST : \$340,818.10

ACTIVITY LAST 24 HOURS: TRIP OUT. WORK TIGHT HOLE 4816' TO 4725'. WORK STUCK PIPE @ 4816'. RAN FREE POINT. STUCK @ DRILLING JARS ON TOP OF D.C.'S. BACKED OFF @ 4170'. LEFT 2 JTS HWDP ON FISH (FISH BIT #4, BIT SUB, 18 6-1/4 D.C.'S, DRILLING JARS, 2 JTS HWDP - 639.41' TOTAL). TRIP OUT W/13 HWDP. TRIP IN W/SCREW IN SUB, BUMPER SUB, JARS, XO, KEY SEAT WIPER, 8-6" D.C.'S, XO, INTENSIFIER, XO, 12 JTS HWDP. CUT DRILLING LINE. TIH, BREAK CIRCULATION. SCREW INTO FISH. BUMPED DOWN TWICE. FISH CAME FREE. RAN DOWN 40', WORKED UP 120'. NO TIGHT HOLE. TRIP OUT OF HOLE.

WELL NAME: MORGAN STATE #11-36

FIELD NAME: NATURAL BUTTES

COUNTY: UINTAH

AFE#: 27057

OPERATOR: COASTAL OIL & GAS CORP.

SPUD DATE:

WI%:

DATE: 5/29/97

DEPTH:

8036

ACTIVITY AT REPORT TIME: L/D DRILL PIPE

HOURS:

0.00

PROGRESS:

0 ft

MW:

9.9

DAILY COST:

\$28,316.20

CUMM COST :

\$369,134.30

ACTIVITY LAST  
24 HOURS:

TIH T/4000' & FILL DP & TIH SLOW FROM 4000' TO 4800'. WORK KEY SEAT WIPER THROUGH TIGHT SPOT. TIH T/TD @ 8036'. CIRC BOTTOMS UP. POOH. R/U SCHLUMBERGER & RUN PLATFORM EXPRESS LOGS, LOGGER TD 8046'. TIH T/4000'. R/U T & M AND L/D DRILL PIPE.

DATE: 5/30/97

DEPTH:

8036

ACTIVITY AT REPORT TIME: RDRT

HOURS:

0.00

PROGRESS:

0 ft

MW:

0.0

DAILY COST:

\$163,903.10

CUMM COST :

\$533,037.40

ACTIVITY LAST  
24 HOURS:

LD DRILL STRING RU T&M CASERS & RAN 208 JTS 4 1/2" 11.6# N80 W/GEMACO FLOAT EQUIP (1 SHOE JT). TOTAL 8037.98' W/30 CENT. 1 ON EVERY OTHER F/TD CIRC & COND CMT W/DOWELL. PMPD 10 BBLs GEL WTR, 80 BBLs WTR. LEAD 917 SXS HILIFT WT 12, Y 2.69, 439 BBLs TAIL 1361 SXS SELF STRESS, W 14.5, Y 1.58, 385 BBLs. DROP PLUG & DISPL W/15 BBLs ACETIC ACID & 108 BBLs KCL WTR. PLUG BUMPED. FLOATS HELD. LOST RET 1/2 WAY THRU DISPL. CSG STUCK AFTER LOSS CIRC. NO CMT TO SURF. CMT IN PLACE @ 22:25 5/29/97 SET 4 1/2" CSG SLIPS W/85,000#. PU BOP'S & CUT OFF CLEAN MUD TANKS RIG DOWN. RIG RELEASED @ 01:30 5/30/97

DATE: 5/31/97

DEPTH:

8036

ACTIVITY AT REPORT TIME: CLEANING UP LOCATION AND SETTING

HOURS:

0.00

PROGRESS:

0 ft

MW:

0.0

DAILY COST:

\$1,000.00

CUMM COST :

\$534,037.40

ACTIVITY LAST  
24 HOURS:

FROM MAY 31ST THROUGH JUNE 3RD - CLEANING UP LOCATION AND SETTING SURFACE FACILITIES.



**PERC****WELL CHRONOLOGICAL REPORT****WELL NAME:** MORGAN STATE #11-36**FIELD NAME:** NATURAL BUTTES**COUNTY:** UINTAH**AFE#:** 27057**OPERATOR:** COASTAL OIL & GAS CORP.**SPUD DATE:****WI%:****DATE:** 6/4/97**DEPTH:**

8036

**ACTIVITY AT REPORT TIME:** WELL ON PRODUCTION**HOURS:**

0.00

**PROGRESS:**

0 ft

**MW:**

0.0

**DAILY COST:**

\$4,748.00

**CUMM COST :**

\$538,785.40

**ACTIVITY LAST  
24 HOURS:**

MIRU SCHLUMBERGER WL. RUN BOND LOG - 1000 PSI, TOC @ 1630'.

**DATE:** 6/18/97**DEPTH:**

8036

**ACTIVITY AT REPORT TIME:** BACK TO WAITING ON COMPLETION TO BEGIN**HOURS:**

0.00

**PROGRESS:**

0 ft

**MW:**

0.0

**DAILY COST:**

\$0.00

**CUMM COST :**

\$538,785.40

**ACTIVITY LAST  
24 HOURS:**

JUNE 5TH THROUGH JUNE 18TH - WAITING FOR COMPLETION TO BEGIN.

**DATE:** 6/19/97**DEPTH:**

8036

**ACTIVITY AT REPORT TIME:** PREP TO FRAC NO. 1**HOURS:**

0.00

**PROGRESS:**

0 ft

**MW:**

0.0

**DAILY COST:**

\$3,298.00

**CUMM COST :**

\$542,083.40

**ACTIVITY LAST  
24 HOURS:**

RM 5M FRAC VLV. RU SCHLUMBERGER. RIH W/3-1/8" HEG GUN W/4 SPF @ 90 DEGREES PHASING &amp; PERF FROM 7947'-7960', 52 HOLES (MORE OR LESS 40" HOLE). SHOWED 400 PSI AFTER PERF'D. RD SCHLUMBERGER.

**DATE:** 6/20/97

SI - WAITING ON FRAC EQUIP.

WELL NAME: MORGAN STATE #11-36

FIELD NAME: NATURAL BUTTES

COUNTY: UINTAH

AFE#: 27057

OPERATOR: COASTAL OIL & GAS CORP.

SPUD DATE:

WI%:

DATE: 6/21/97

DEPTH: 8036

ACTIVITY AT REPORT TIME: CLEAN-UP WELLBORE.

HOURS: 0.00

PROGRESS: 0 ft

MW: 0.0

DAILY COST: \$1,390.00

CUMM COST : \$543,473.40

**ACTIVITY LAST  
24 HOURS:**

CP 1200 PSI. RU DOWELL CONDUCTED SAFETY MEETING. HOOK-UP BACK FL. PRESS TST'D LINES TO 5000 PSI - OK. BREAKDOWN PERFS (7947'-60') BROKE @ 2450 PSI @ 10 BPM. FRAC #1 STAGE W/103,510# 20/40 MESH SAND & 20,488 GALS GEL FLUID. PMP 420 GALS 15% HCL & FLUSH W/123.5 BBLS OF 10# GEL. ISIP 2550 PSI, MAX/AVG P = 3500/2500 PSI, 2893 FINAL PSI. MAX/AVG RT @ 20.25/20.25 BPM. TOTAL TO REC 613 BBLS. RU SCHLUMBERGER. BROKE DOWN DUE TO COMPUTER FAILURE, WAITING FOR ANOTHER TRUCK. RIH W/3-3/8" PORT PLUG GUN W/ 180% PHASING 2 SPF, 0.34 ENTRY HOLES, PERFORATE 7756', 7671', 7666', 7599', 7517', 7501'. PRESSURE 1800 PSI. BREAKDOWN @ 4718 PSI. FRAC STAGE #2 W/ 151,641# 20/40 MESH & 44,000 GALS GEL FLUID. FLUSH W 93 BBLS. DISPLACE 840 GALS 15% HCL. ISIP 5000 PSI, MAX/AVG P = 5000/3800 PSI, FINAL 5000 PSI. MAX/AVG RT = 27.5/26.0 BPM (TAG W/ IRIIDIUM) 1018 BLLTR. RIH W/ 3-3/8" PORT PLUG GUN, 180% PHASING, 2 SPF, .034" HOLE, TOTAL 14 HOLES. PERF 7114'-16', 7028', 6905', 6713', 6375'. PRESS @ 1400 PSI. BREAKDOWN PERFS @ 4700 PSI, 10 BPM. PMP 240 BBLS CROSSLINK GEL @ 13 BPM @ 5000 PSI. COULD NOT FRAC STAGE #3. FLOW WELL BACK @ 8:00 PM ON 20/64" CHK W/ 1150 PSI TO CLEAN UP WELLBORE. FLOW WELL ALL NIGHT.  
TIME... CP. CHK. BWPH. SD  
12PM...1150. .20... 20...NON  
1:00AM. 1050. .20... 20...NON  
2:00...1050. .20... 20... TR  
3:00...1050. .18... 20... TR  
5:00...1050. .18... 20... NON  
6:00...900. .18... 20... NON  
6:30...800. .18... 20... NON  
PMPD 1871 BLWTR, REC 170 BLW, 1018 BLLTR, GAS 700 MCFPD.

WELL NAME: MORGAN STATE #11-36

FIELD NAME: NATURAL BUTTES

COUNTY: UINTAH

AFE#: 27057

OPERATOR: COASTAL OIL & GAS CORP.

SPUD DATE:

WI%:

DATE: 6/22/97

DEPTH:

8036

ACTIVITY AT REPORT TIME: CLEAN-UP WELLBORE - FLOW TEST

HOURS:

0.00

PROGRESS: 0 ft

MW:

0.0

DAILY COST: \$134,948.00

CUMM COST :

\$678,421.40

**ACTIVITY LAST  
24 HOURS:**

SCHLUMBERGER. RIH W/ 4-1/2 PDQ, CIBP, SET @ 7320'. BLEW WELL & SURGE WELL 3 TIMES. EACH TIME, PMP @ 14 BPM @ 4800 PSI. PMP 630 GALS 15% HCL & 25 1-3 BALL SEALERS - BALL OFF. WAITED 10 MIN, SURGE BALLS OFF, TRY PMPG INTO @ 1.2 BPM @ 4950 PSI, MAX RT = 5.0 BPM, MAX/AVG P = 5000/3000 PSI, FINAL 5000 PSI. LOAD TO REC 233 BBLs. RU SCHLUMBERGER, RIH W/ 3-3/8" PORT PLUG GUN 2 SPF, 180% PHASING .34 ENTRY HOLE & RE-PERF THE FOLLOWING INTERVALS 7114'-16', 7028', 6905', 6713', 6375', 14 HOLES. NO PRESS CHANGE 1600 PSI. BRK DN PERFS @ 3800 PSI. FRAC #3 STAGE W/ 131,000# 20/40 & 35,826 GALS GEL FLUIDS, ISIP 3750 PSI. MAX/AVG P = 4800/3000 PSI, FINAL 4600 PSI. (TAG W/ SCANDIUM) FLUSH & DISPLACE FRAC #3 W/ 1100 GALS 15% HCL. LOAD TO REC 853 BBLs. RU SCHLUMBERGER. RIH W/ 4-1/2 FRAC BAFFLE & SET @ 5630'. DROP 2" BALL & CHASE W/ PERF GUN. APPLY 2600 PSI TO FRAC BALL, PERF W/ 3-3/8" PORT PLUG GUN, PERF 4903', 5556'-57', 5605-08', 180% PHASING, 2 SPF, .34" ENTRY HOLE 14 HOLES. BRK DN FRAC STAGE #4 @ 15 BPM @ 4500 PSI. PMP 105, 115# 20/40 MESH W/26,124 GALS GEL FLUID. ISIP 2065 PSI, MAX/AVG P = 4865/2800 PSI, FINAL 2152 PSI. (TAG W/ ANTIMONY) 622 BLLTR. FLOW BACK WELL ON 20/64" CHK @ 1200 PSI @ 7:30 PM. TOTAL 1708 BBLTR.

PM. TOTAL 1708 BLLTR.

TIME... CP. CHK. BWPH. SD  
7:00...1200.20...15...NON  
8:00...200.20...10...NON  
9:00...0...0...2...HVV  
11:00...0...1...NON  
12AM...0...1...NON  
1:00...0...1...NON  
2:00...0...1...NON  
3:00...0...1...NON  
5:00...1050.18...20...NON  
6:00...900.18...20...NON  
6:30...800.18...20...NON

PMPD 1871 BLWTR, REC 170 BLW, 1018 BLLTR, GAS 700 MCFPD.

DATE: 6/23/97

DEPTH:

8036

ACTIVITY AT REPORT TIME: RIH 2-3/8" TBG & MILL

HOURS:

0.00

PROGRESS: 0 ft

MW:

DAILY COST: \$392,876.00

CUMM COST :

\$1,071,297.40

**ACTIVITY LAST  
24 HOURS:**

MIRU CWS RIG #70, PUMP & TANK. PU & RIH 2.75 MILL ON 2-3/8" J-55 TBG, 189 JTS TO APPROX 4385'. SDFN. LEFT FLOWBACK CREW WATCH WELL. FLOW TO PIT OVER NIGHT. PUMP 30 BBLs 3% KCL TO CONTROL WELL, REC 150 BBLs. PMPD 1738 BLWTR, REC 150 BLW, 1588 BLLTR.

**WELL NAME:** MORGAN STATE #11-36

**FIELD NAME:** NATURAL BUTTES

**COUNTY:** UINTAH

**AFE#:** 27057

**OPERATOR:** COASTAL OIL & GAS CORP.

**SPUD DATE:**
**WI%:**

**DATE:** 6/24/97      **DEPTH:** 8036      **ACTIVITY AT REPORT TIME:** RIH TBG. RU POWER SWIVEL. DRILL OUT.  
**HOURS:** 0.00      **PROGRESS:** 0 ft  
**MW:** 0.0      **DAILY COST:** \$4,977.00      **CUMM COST :** \$1,076,274.40

**ACTIVITY LAST  
24 HOURS:**

RIH TOTAL OF 169 JTS, TAG @ 5505'. POH 20'. RU POWER SWIVEL, PIPE ROTATING FREE & MOVING.  
 START TO BREAK CIRC DOWN CSG TBG, LOCKED UP. PMP DOWN TBG TO 1000 PSI. PMP INTO CSG TO  
 1800 PSI, COULD NOT MOVE TBG. MIRU CUTTER WL. RIH TBG, RELIEF GUN, STOPPED @ 5360'. POH -  
 RD CUTTER. RU SWAB. SWAB WELL TO 3600'. WELL STARTED TO FLOW WTR & SD. TBG CAME FREE -  
 CIRC DOWN CSG, UP TBG TO CLEAN UP HOLE FOR HRS. POH STAND BACK 15 STDS TO BE ABOVE  
 PERFS. SDFN. PMPD 150 BLWTR, REC 200 BLW, 50 BLW OVERLOAD.

**DATE:** 6/25/97      **DEPTH:** 8036      **ACTIVITY AT REPORT TIME:** RIH TBG, CO TO CIBP  
**HOURS:** 0.00      **PROGRESS:** 0 ft  
**MW:** 0.0      **DAILY COST:** \$4,258.00      **CUMM COST :** \$1,080,532.40

**ACTIVITY LAST  
24 HOURS:**

SICP 50 PSI, SITP 200 PSI. BLEED OFF TO PIT. RIH 15 STDS. PU POWER SWIVEL. DRILL ON FRAC  
 BAFFLE @ 5630', CONTINUE WASHING SAND & PUSHING BAFFLE FOR 200' TO GET IT DRILLED UP.  
 CONTINUE WASHING SAND TO 6535', MEDIUM SAND & WTR. MADE 100 BW OVER WHAT WE CIRC WITH.  
 POH TO 4900' LOAD HOLE. SDFN. REC 100 BLW, 100 BLW OVERLOAD.

**DATE:** 6/26/97      **DEPTH:** 8036      **ACTIVITY AT REPORT TIME:** CONTINUE CIRC HOLE TO LOWER PRESSURE  
**HOURS:** 0.00      **PROGRESS:** 0 ft  
**MW:** 0.0      **DAILY COST:** \$3,290.00      **CUMM COST :** \$1,083,822.40

**ACTIVITY LAST  
24 HOURS:**

RIH 20 STDS, CO TO 7320'. STREAKS SD ALL THE WAY TO CIBP. 234 JTS TBG IN HOLE. START MILL ON  
 PLUG, GIVE UP IN 1 HR, WELL UNLOADING UP TBG, CONTINUE PMP 3+ BBLs INTO CSG FOR 2 HRS.  
 WELL KICKING, PMP 30 BBLs INTO TBG W/CSG SI AFTER PMPG 900 PSI ON CSG, 800 PSI ON TBG.  
 PMPD 500 BLWTR, REC 450 BLW, 50 BLLTR. SDFN

**PERC****WELL CHRONOLOGICAL REPORT**

WELL NAME: MORGAN STATE #11-36

FIELD NAME: NATURAL BUTTES

COUNTY: UINTAH

AFE#: 27057

OPERATOR: COASTAL OIL &amp; GAS CORP.

SPUD DATE:

WI%:

DATE: 6/27/97      DEPTH: 8036      ACTIVITY AT REPORT TIME: RU OWP TO SET CIB IN TBG.  
HOURS: 0.00      PROGRESS: 0 ft  
MW: 0.0      DAILY COST: \$3,560.00      CUMM COST: \$1,087,382.40

**ACTIVITY LAST  
24 HOURS:**

SICP 1200 PSI, SICP 1300 PSI. RU HARD LINES TO CIRC PIT. INSTALL POS. CHK ON LINE INTO PIT.  
OPEN TBG TO PIT ON 30" CHK. START PMPG INTO CSG @ 3+ BPM, CIRC 3 HRS. SI WELL @ 11:15 AM.  
AT 11:30 AM, BOTH SIDES HAD 800#. OPEN TBG TO PIT, FULL OPEN, PSI FELL TO LESS THAN 100#.  
REMOVE POWER SWIVEL, INSTALL TIW. LD SWIVEL, CLEAN CIRC PIT & SWAB LUB. PMPD 350 BLWTR,  
REC 310 BLW, 40 BLLTR.

DATE: 6/28/97      DEPTH: 8036      ACTIVITY AT REPORT TIME: ND BOPS, NU TREE, PULL PLUG OUT X-NIPPLE  
HOURS: 0.00      PROGRESS: 0 ft  
MW: 0.0      DAILY COST: \$24,802.00      CUMM COST: \$1,112,184.40

**ACTIVITY LAST  
24 HOURS:**

SITP 1800 PSI, SICP 1300 PSI. PUMP 30 BBLS 3% KCL IN TBG, PSI AFTER 1000#. MIRU OWP W/ GREASE.  
RIH 1.75 GAUGE TO MILL. POH & RIH 2-3/8" CIB SET INSIDE JT .233 17', FROM TOP END. MILL ON BTM.  
POH, RD & RLS OWP. POH - LD 80 JTS. RU SWAB. SWAB TO 5000'. MIRU CUDD. POH 76 STDS, 1  
SINGLE, LD LAST JT & MILL. PU & RIH NC 1 JT X-NIPPLE W/PLUG IN PLACE, 154 JTS, HANGER, LAND IN  
TBG SPOOL. RD & RLS CUDD. SN @ 4839', EOT @ 4871'. PMPD 30 BLWTR, REC 20 BLW, 10 BLLTR. SDF  
TIME. .... CP. TP. CHK. WTR. SD  
10:30AM. 1125 .1125. 30. .20. .M  
11:00. .... 825 . 1500. 18. .20. .M  
12:PM. .... 825 . 1500. 18. .20. .M  
1:00. .... 875 . 1500. 18. .20. .M-H  
2:00. .... 825 . 1325. 18. .20. .L-M  
3:15. .... 775 . 1325. 18. .23. .L  
5:00. .... 800 . 1325. 18. .30. .L  
700 MCF, 205 BLW, REAL WET GAS

WELL NAME: MORGAN STATE #11-36

FIELD NAME: NATURAL BUTTES

COUNTY: UINTAH

AFE#: 27057

OPERATOR: COASTAL OIL &amp; GAS CORP.

SPUD DATE:

WI%:

DATE: 6/29/97

DEPTH:

8036

ACTIVITY AT REPORT TIME: FLOW BACK REPORT

HOURS:

0.00

PROGRESS: 0 ft

MW:

0.0

DAILY COST: \$2,750.00 CUMM COST : \$1,114,934.40

ACTIVITY LAST  
24 HOURS:

SITP 1100 PSI, SICP 1100 PSI. KILL TBG, ND BOP, NU WH, RETRIEVE PLUG FROM X-NIPPLE, WELL TO  
PIT ON 30/64" CHK @ 10:30. RDMO CWS.  
TIME. . . . CP. TP. CHK. WTR. SD  
. 5:PM . . . 1550 . 700. 18. .40. .T  
. 6:00. . . 1600 . 700. 18. .40. .T  
. 7:00. . . 1600 . 650. 18. .35. .T  
. 8:00. . . 1625 . 625. 18. .35. .T  
. 9:00. . . 1650 . 700. 18. .35. .T  
10:00. . . 1650 . 675. 18. .35. .T  
11:00. . . 1700 . 700. 18. .35. .T  
12:AM. . . 1725 . 675. 18. .35. .T  
. 1:00. . . 1750 . 700. 18. .35. .T  
. 2:00. . . 1800 . 705. 18. .35. .T  
. 3:00. . . 1750 . 750. 18. .35. .T  
. 4:00. . . 1725 . 750. 18. .35. .T  
. 5:00. . . 1700 . 775. 18. .35. .T  
. 6:00. . . 1650 . 800. 18. .35. .T  
REC 705 BLW, 500 BLLTR

DATE: 6/30/97

DEPTH:

8036

ACTIVITY AT REPORT TIME: FLOW BACK REPORT

HOURS:

0.00

PROGRESS: 0 ft

MW:

0.0

DAILY COST: \$0.00 CUMM COST : \$1,114,934.40

ACTIVITY LAST  
24 HOURS:

TIME. . . . CP. TP. CHK. WTR. SD  
. 5:PM . . . 1400 . 700. 18. .30. .T  
. 6:00. . . 1400 . 700. 18. .30. .T  
. 7:00. . . 1400 . 700. 18. .30. .T  
. 8:00. . . 1400 . 700. 18. .30. .T  
. 9:00. . . 1350 . 675. 18. .30. .T  
10:00. . . 1350 . 700. 18. .30. .T  
11:00. . . 1350 . 700. 18. .30. .T  
12:AM. . . 1300 . 700. 18. .30. .T  
. 1:00. . . 1300 . 675. 18. .30. .T  
. 2:00. . . 1300 . 625. 18. .30. .T  
. 3:00. . . 1250 . 650. 18. .30. .T  
. 4:00. . . 1250 . 650. 18. .30. .T  
. 5:00. . . 1250 . 650. 18. .30. .T  
. 6:00. . . 1250 . 650. 18. .30. .T  
900 MCF, 720 BLLTR

**PERC****WELL CHRONOLOGICAL REPORT**

WELL NAME: MORGAN STATE #11-36

FIELD NAME: NATURAL BUTTES

COUNTY: UINTAH

AFE#: 27057

OPERATOR: COASTAL OIL &amp; GAS CORP.

SPUD DATE:

WI%:

DATE: 7/1/97

DEPTH:

8036

ACTIVITY AT REPORT TIME: ON PRODUCTION

HOURS:

0.00

PROGRESS: 0 ft

MW:

0.0

DAILY COST:

\$0.00

CUMM COST :

\$1,114,934.40

ACTIVITY LAST  
24 HOURS:

TIME. . CP. . TP. BW. MCF

6:30. .1140. 600. 33.4. 350

7:30. .1125. 600. 15.3. 350

8:30. .1120. 600. 15. . 375

9:30. .1100. 675. 13. . 375

10:30. .1100. 600. 11.6. 400

11:30. .1075. 600. 13.3. 400

12:AM. 1050. 600. 16. . 400

1:30. .1050. 600. 15. . 400

2:30. .1025. 600. 13.3. 400

3:30. .1020. 600. 13.3. 400

4:30. .1020. 600. 8.3. . 400

5:30. .1000. 600. 8.3. . 400

FLWG 400 MCF, 250 BW, FTP 600 PSI, CP 1000 PSI ON 20/64" CHK.

DATE: 7/2/97

DEPTH:

8036

ACTIVITY AT REPORT TIME: ON PRODUCTION

HOURS:

0.00

PROGRESS: 0 ft

MW:

0.0

DAILY COST:

\$0.00

CUMM COST :

\$1,114,934.40

ACTIVITY LAST  
24 HOURS:

FLWG 300 MCF, 261 BW, FTP 500 PSI, CP 960 PSI ON 24/64" CHK.

DATE: 7/3/97

DEPTH:

8036

ACTIVITY AT REPORT TIME: ON PRODUCTION

HOURS:

0.00

PROGRESS: 0 ft

MW:

0.0

DAILY COST:

\$0.00

CUMM COST :

\$1,114,934.40

ACTIVITY LAST  
24 HOURS:

FLWG 378 MCF, 105 BW, FTP 400 PSI, CP 900 PSI ON 24/64" CHK.

**PERC****WELL CHRONOLOGICAL REPORT****WELL NAME:** MORGAN STATE #11-36**FIELD NAME:** NATURAL BUTTES**COUNTY:** UINTAH**AFE#:** 27057**OPERATOR:** COASTAL OIL & GAS CORP.**SPUD DATE:****WI%:**

**DATE:** 7/4/97      **DEPTH:** 8036      **ACTIVITY AT REPORT TIME:** ON PRODUCTION  
**HOURS:** 0.00      **PROGRESS:** 0 ft  
**MW:** 0.0      **DAILY COST:** \$0.00      **CUMM COST :** \$1,114,934.40

**ACTIVITY LAST 24 HOURS:** FLWG 287 MCF, 75 BW, FTP 325 PSI, CP 710 PSI ON 30/64" CHK.

-----

**DATE:** 7/5/97      **DEPTH:** 8036      **ACTIVITY AT REPORT TIME:** ON PRODUCTION  
**HOURS:** 0.00      **PROGRESS:** 0 ft  
**MW:** 0.0      **DAILY COST:** \$0.00      **CUMM COST :** \$1,114,934.40

**ACTIVITY LAST 24 HOURS:** FLWG 300 MCF, 125 BW, FTP 340 PSI, CP 740 PSI ON 30/64" CHK.

-----

**DATE:** 7/6/97      **DEPTH:** 8036      **ACTIVITY AT REPORT TIME:** ON PRODUCTION  
**HOURS:** 0.00      **PROGRESS:** 0 ft  
**MW:** 0.0      **DAILY COST:** \$0.00      **CUMM COST :** \$1,114,934.40

**ACTIVITY LAST 24 HOURS:** FLWG 316 MCF, 105 BW, FTP 375 PSI, CP 750 PSI ON 30/64" CHK.



**PERC****WELL CHRONOLOGICAL REPORT****WELL NAME:** MORGAN STATE #11-36**FIELD NAME:** NATURAL BUTTES**COUNTY:** UINTAH**AFE#:** 27057**OPERATOR:** COASTAL OIL & GAS CORP.**SPUD DATE:****WI%:****DATE:** 7/7/97**DEPTH:**

8036

**ACTIVITY AT REPORT TIME:** ON PRODUCTION**HOURS:**

0.00

**PROGRESS:**

0 ft

**MW:**

0.0

**DAILY COST:**

\$0.00

**CUMM COST :**

\$1,114,934.40

**ACTIVITY LAST  
24 HOURS:**

FLWG 274 MCF, 106 BW, FTP 320 PSI, CP 700 PSI ON 30/64" CHK.

**DATE:** 7/8/97**DEPTH:**

8036

**ACTIVITY AT REPORT TIME:** ON PRODUCTION**HOURS:**

0.00

**PROGRESS:**

0 ft

**MW:**

0.0

**DAILY COST:**

\$0.00

**CUMM COST :**

\$1,114,934.40

**ACTIVITY LAST  
24 HOURS:**

FLOWING 252 MCF, 130 BW, FTP 300#, CP 710#, 30/64" CHK.

**DATE:** 7/9/97**DEPTH:**

8036

**ACTIVITY AT REPORT TIME:** ON PRODUCTION**HOURS:**

0.00

**PROGRESS:**

0 ft

**MW:**

0.0

**DAILY COST:**

\$0.00

**CUMM COST :**

\$1,114,934.40

**ACTIVITY LAST  
24 HOURS:**

FLOWING 238 MCF, 80 BW, FTP 300#, CP 660#, 30/64" CHK.

**PERC****WELL CHRONOLOGICAL REPORT****WELL NAME:** MORGAN STATE #11-36**FIELD NAME:** NATURAL BUTTES**COUNTY:** UINTAH**AFE#:** 27057**OPERATOR:** COASTAL OIL & GAS CORP.**SPUD DATE:****WI%:****DATE:** 7/10/97**DEPTH:**

8036

**ACTIVITY AT REPORT TIME:****HOURS:**

0.00

**PROGRESS:** 0 ft**MW:**

0.0

**DAILY COST:** \$12,850.00**CUMM COST :**

\$1,127,784.40

**ACTIVITY LAST  
24 HOURS:**

MIRU CAMCO 1-1/4 CTU, HOT OIL TRUCK, WATER TRUCK AND N2 TRUCK. RIH W/ CT, HIT A BRIDGE @ 6607'. WORK THROUGH TIGHT SPOT, WORK COIL TBG DOWN HOLE CLEANING OUT TO 7306' (CAMCO COUNTER MEAS) WORK AT THAT DEPTH FOR ONE HOUR, DID NOT MAKE ANY HOLE. POOH W/ COIL TBG. RD CAMCO, HOT OIL UNIT & WATER TRUCK. POSSIBLE BP @ 7320'. USED 300,000 SCF N2. MISC INCLUDES COIL TBG.

**DATE:** 7/11/97**DEPTH:**

8036

**ACTIVITY AT REPORT TIME:** WO RIG**HOURS:**

0.00

**PROGRESS:** 0 ft**MW:**

0.0

**DAILY COST:** \$0.00**CUMM COST :**

\$1,127,784.40

**ACTIVITY LAST  
24 HOURS:**

WAITING ON RIG

**DATE:** 7/12/97**DEPTH:**

8036

**ACTIVITY AT REPORT TIME:** PU & RIH W/TBG. CO WELLBORE TO PBTD**HOURS:**

0.00

**PROGRESS:** 0 ft**MW:**

0.0

**DAILY COST:** \$4,500.00**CUMM COST :**

\$1,132,284.40

**ACTIVITY LAST  
24 HOURS:**

CP 300 PSI, TP 550 PSI. MIRU CWS RIG #70. BLEW WELL & KILL WELL W/ 3% KCL WTR (150 BBLS) ND WH. NU BOP. POH W/2-3/8" TBG. RIH W/ 3-7/8" MILL, 1 JT, 'X' NIPPLE & 154 JTS, 2-3/8" TBG ABOVE PERFS. SDFN

**PERC****WELL CHRONOLOGICAL REPORT**

WELL NAME: MORGAN STATE #11-36

FIELD NAME: NATURAL BUTTES

COUNTY: UINTAH

AFE#: 27057

OPERATOR: COASTAL OIL &amp; GAS CORP.

SPUD DATE:

WI%:

DATE: 7/16/97      DEPTH: 8036      ACTIVITY AT REPORT TIME: PREP TO CO TBG W/ 1/4 CTU & N2  
HOURS: 0.00      PROGRESS: 0 ft  
MW: 0.0      DAILY COST: \$2,063.00      CUMM COST: \$1,147,614.40

ACTIVITY LAST 24 HOURS:      STARTED TO RD. LOCATED CTU, WAIT FOR CTU TO GET TO LOCATION. LEAD CUDD CTU TO LOCATION. RU CTU.. SDFN

DATE: 7/17/97      DEPTH: 8036      ACTIVITY AT REPORT TIME: POOH W/ TBG. RIH W/ OS, BB JARS & DC  
HOURS: 0.00      PROGRESS: 0 ft  
MW: 0.0      DAILY COST: \$17,456.00      CUMM COST: \$1,165,070.40

ACTIVITY LAST 24 HOURS:      CHECK WELL, CHECK EQUIP. BUILD FL. RIH W/ 1-1/4 CT, TAG SD @ 7587'. CO TO FISHING TOOLS @ 7920'. SET ON BTM, CO UNTIL TBG CLEANED. CLEANED OUT ON BTM FOR 2-2/1 HOURS. CLEANED OUT TO A REAL SLIGHT SHOW OF CRUSHED SD. (1100 PSI ON BS DURING JOB, NO PRESS CHANGE). POOH W/ CT. PULL AND WORK TBG, STILL STUCK. RU CUTTERS. RIH W/ WL, FREE POINT TBG. PMP 10 BW TO KILL WELL. PIPE 60% FREE @ 7917'. POOH. RIH W/ CHEMICAL CUTTER, CUT TBG @ 7902'. POOH W/ WL. POOH W/ 116 JTS TO 4802' (TOP PERF @ 4903') LEAVE WELL FLOWING TO PIT (12 CHK) USED 158,500 SCF OF N2. MISC CHG ROUSTABOUT CT AND N2. SDFN

DATE: 7/18/97      DEPTH: 8036      ACTIVITY AT REPORT TIME: KILL WELL PREP TO LAY ON DC  
HOURS: 0.00      PROGRESS: 0 ft  
MW: 0.0      DAILY COST: \$8,547.00      CUMM COST: \$1,173,617.40

ACTIVITY LAST 24 HOURS:      CHECK WELL, CASING SLIGHT BLOW TUBING 700 PSI BLEED WELL DOWN PUMP 10 BBL WATER TO KILL WELL POOH WITH TUBING RIH WITH OS, BS, JARS, 4DC, AND ACC, TAG SAND AT 7901 COULD NOT LATCH ON FISH, JAR ONE TIME 10 OVER, FISH CAME FREE. KILL WELL WITH 10 BBL WATER POOH POOH WITH FISHING TOOLS 15 FEET 2 3/8 TUBING WASH PIPE AND BURN SHOE NOTHING INSIDE BURN SHOE R U DELSCO SLICK LINE, RIH TAG AT 7935 (NEW PB) POOH, RD SLICK LINE RIH WITH 20 STANDS TUBING FOR KILL STRING. SDFN

**PERC****WELL CHRONOLOGICAL REPORT**

WELL NAME: MORGAN STATE #11-36

FIELD NAME: NATURAL BUTTES

COUNTY: UINTAH

AFE#: 27057

OPERATOR: COASTAL OIL &amp; GAS CORP.

SPUD DATE:

WI%:

DATE: 7/13/97      DEPTH: 8036      ACTIVITY AT REPORT TIME: PREP TO MILL DN BP AND CLEAN OUT  
HOURS: 0.00      PROGRESS: 0 ft  
MW: 0.0      DAILY COST: \$4,027.00      CUMM COST : \$1,136,311.40

**ACTIVITY LAST  
24 HOURS:**

CHECK WELL, 1000# ON TBG, 725 ON CP. PU TBG & RIH, TAG @ 7320'. PMP 120 BBLS 3% KCL, ESTABLISH CIRCULATION. PMP 3 BPM, LOSING 1 BPM. MILL DN BP FOR 2 HRS. PLUG CAME FREE, RUN TBG TO 7620'. PU 7 JTS TBG. RIH TO 7847', TAG. START MILLING. MILL FROM 7847' TO 7855' IN 2 HRS. LOST 635 BBLS INTO FORMATION. CIRC HOLE. POOH W/ TBG TO 4871'. RUBBER AND IRON CHUNKS IN RETURNS AND GETTING HUNG UP IN SURFACE PIPING. SDFN

DATE: 7/14/97      DEPTH: 8036      ACTIVITY AT REPORT TIME: FREE POINT, CUT TUBING  
HOURS: 0.00      PROGRESS: 0 ft  
MW: 0.0      DAILY COST: \$5,614.00      CUMM COST : \$1,141,925.40

**ACTIVITY LAST  
24 HOURS:**

CHECK WELL TBG, 0# CP. SLIGHT BLOW, START CIRC. PMP 15 BBLS, TAG @ 7820', MILL 3 HRS. MILL TO 7826', LOST 90 BBLS TO FORMATION. POOH W/TBG AND MILL TIGHT SPOT @ 7806'. WORK FREE & POOH. MILL WORE OUT. RIH W/ 3-7/8" BURN SHOE AND 4' LONG 3-3/4" OD. WP, TAG @ 7826'. MILL DOWN TO 7924', LOST CIRCULATION, MILL PLUGGED UP LOST TORK PIPE - WOULD NOT WORK FREE. JARRED 70,000 - PIPE STUCK, SDFN.

DATE: 7/15/97      DEPTH: 8036      ACTIVITY AT REPORT TIME: PREP TO RD. WAIT FOR COIL TUBING  
HOURS: 0.00      PROGRESS: 0 ft  
MW: 0.0      DAILY COST: \$3,626.00      CUMM COST : \$1,145,551.40

**ACTIVITY LAST  
24 HOURS:**

MIRU CUTTERS WL, TAG SAND @ 7587'. TBG FREE, POOH - RD WL. SWI, WAIT FOR CT.

**PERC****WELL CHRONOLOGICAL REPORT**

WELL NAME: MORGAN STATE #11-36

FIELD NAME: NATURAL BUTTES

COUNTY: UINTAH

AFE#: 27057

OPERATOR: COASTAL OIL &amp; GAS CORP.

SPUD DATE:

WI%:

DATE: 7/19/97

DEPTH:

8036

ACTIVITY AT REPORT TIME: RIH CHECK PBTD LD PIPE &amp;

HOURS:

0.00

PROGRESS: 0 ft

MW:

0.0

DAILY COST: \$5,986.00

CUMM COST : \$1,179,603.40

ACTIVITY LAST  
24 HOURS:

bled well off. POOH W/KILL STRING. RIH W/DC, POOH, LD DC. KILL WELL W/20 BBLS WTR. PU  
& RIH W/NOTCHED COLLAR, 1 JT TBG, X NIPPLE, RIH W/252 MORE JTS. TAG @ 7924'. PU SWIVEL,  
BREAK CIRC CLEAN TO 7986' CIRC & CLEAN HOLE. POOH 33 JTS. SIFN.

DATE: 7/20/97

DEPTH:

8036

ACTIVITY AT REPORT TIME: PREP TO SWB

HOURS:

0.00

PROGRESS: 0 ft

MW:

0.0

DAILY COST: \$8,954.00

CUMM COST : \$1,188,557.40

ACTIVITY LAST  
24 HOURS:

SITP 1000#. SICP 1000#. PMP 20 BBLS DWN TBG. TIH TO PBTD @ 7986'. LD TBG, LAND @  
7437', TAG TBG HGR. RD. ND BOP, NU TREE. BROUCH TBG. MIRU SU. SWB 80 BF / 5  
RUNS. IFL 1300', FFL 1200'. FLW TO PIT ON 20/64" CHK. SDFN.

DATE: 7/21/97

DEPTH:

8036

ACTIVITY AT REPORT TIME: SWB.

HOURS:

0.00

PROGRESS: 0 ft

MW:

0.0

DAILY COST: \$1,113.00

CUMM COST : \$1,189,670.40

ACTIVITY LAST  
24 HOURS:

MIRU SU. IFL 2000#. SWB 3 RUNS. FLW TO PIT OE / 3 HRS. PUT ON 28/64" CHK. FFL 500'.  
FTP 50 PSI, FCP 1050 PSI. REC 90 BF, 710 BLFTR.

**PERC****WELL CHRONOLOGICAL REPORT**

WELL NAME: MORGAN STATE #11-36

FIELD NAME: NATURAL BUTTES

COUNTY: UINTAH

AFE#: 27057

OPERATOR: COASTAL OIL &amp; GAS CORP.

SPUD DATE:

WI%:

DATE: 7/22/97

DEPTH:

8036

ACTIVITY AT REPORT TIME: WELL OPEN TO PIT

HOURS:

0.00

PROGRESS:

0 ft

MW:

0.0

DAILY COST:

\$1,039.00

CUMM COST :

\$1,190,709.40

ACTIVITY LAST  
24 HOURS:

SITP, SICP 1500#. IFL 1200'. RUSU. SWB 160 BF / 7 RUNS. LET WELL FLW TO PIT / 4 HRS.  
WELL DIED. PUT 28/64" CHK IN LINE, PUT 3 GALS SOAP DWN CSG. LEFT OPEN TO PIT. FTP  
0#, FCP 850 PSI. FFL 500'. 550 BLFTR.

DATE: 7/23/97

DEPTH:

8036

ACTIVITY AT REPORT TIME: FLWG TO PIT

HOURS:

0.00

PROGRESS:

0 ft

MW:

0.0

DAILY COST:

\$943.00

CUMM COST :

\$1,191,652.40

ACTIVITY LAST  
24 HOURS:

SITP 20#, SICP 1450#. IFL 1800'. RU SU. SWB 80 BF / 7 RUNS. FLW TO PIT. HOOK UP FLW  
LINE, START SELLING GAS @ 12:15. FTP 425#, FCP 1275#, FFL 1600'. CAME BACK @ 2:00 P.M.  
WELL WAS LOGGED OFF, NOT FLWG. HOOKED BACK UP TO PIT W/ 20/64" CHK IN LINE. FTP  
150 PSI, FCP 1050 PSI. REC 200 BLF, 350 BLFTR.

DATE: 7/24/97

FROM 7/24/97 TO 7/28/97 WELL BLOWING TO PIT.

DATE: 7/29/97

DEPTH:

8036

ACTIVITY AT REPORT TIME: SELLING DWN LINE

HOURS:

0.00

PROGRESS:

0 ft

MW:

0.0

DAILY COST:

\$4,784.00

CUMM COST :

\$1,196,436.40

ACTIVITY LAST  
24 HOURS:

INSTALL PLE. SITP 130#, SICP 540". DROP PMPR SPRING & PLUNGER FLW TO TANK / 1 HR.  
PLUNGER DID NOT RTN. MIRU SU. WL FISHED PLUNGER @ 3115'. (PMPR SPRING & JDC  
WENT THRU XN TO PBTD @ 7970'.) RD SU. FTP 500#, FCP 700#, FFL 2200'. PUT WELL ON  
SALES.

WELL NAME: MORGAN STATE #11-36

FIELD NAME: NATURAL BUTTES

COUNTY: UINTAH

AFE#: 27057

OPERATOR: COASTAL OIL &amp; GAS CORP.

SPUD DATE:

WI%:

DATE: 7/30/97

DEPTH:

8036

ACTIVITY AT REPORT TIME: SI F/ PBU

HOURS:

0.00

PROGRESS: 0 ft

MW:

0.0

DAILY COST: \$972.00

CUMM COST: \$1,197,408.40

ACTIVITY LAST  
24 HOURS:

SITP 700#, SICP 820#. MIRU WL. RIH 1925' SWDG TIGHT SPOTS @ 664', 3108', 6120' & 6930'.  
STUCK IN X-N @ 7401'. SWDG WHILE POOH. RIH W/ BROUCH. POOH. RIH W/ COLLAR STOP.  
W/N SET. POOH TO 7340', SET COLLAR STOP. DROP PMPR SPRING. RD. SDFN.

DATE: 7/31/97

FLWG 231 MCFD, 55 BW, FTP 275#, CP 725#, ON A 30/64" CHK, 24 HRS.

DATE: 8/1/97

FLWG 3 MCFD, 67 BW, FTP 460#, CP 675#, ON A 30/64" CHK, 24 HRS.

DATE: 8/2/97

FLWG 72 MCFD, 77 BW, FTP 255#, CP 575#, ON A 30/64" CHK, 24 HRS.

DATE: 8/3/97

FLWG 59 MCFD, 58 BW, FTP 255#, CP 575#, ON A 30/64" CHK, 24 HRS.

DATE: 8/4/97

FLWG 51 MCFD, 56 BW, FTP 260#, CP 525#, ON A 20/64" CHK, 24 HRS.

DATE: 8/5/97

FLWG 80 MCFD, 50 BW, FTP 275#, CP 525#, ON A 25/64" CHK, 24 HRS.

DATE: 8/6/97

FLWG 54 MCFD, 46 BW, FTP 320#, CP 525#, ON A 25/64" CHK, 24 HRS.

DATE: 8/7/97

FLWG 60 MCFD, 71 BW, FTP 255#, CP 425#, ON A 25/64" CHK, 24 HRS.

DATE: 8/8/97

FLWG 94 MCFD, 25 BW, FTP 250#, CP 625#, ON A 35/64" CHK, 24 HRS.

DATE: 8/9/97

FLWG 131 MCFD, 14 BW, FTP 250#, CP 625#, ON A 35/64" CHK, 24 HRS.

DATE: 8/10/97

FLWG 141 MCFD, 15 BW, FTP 525#, CP 725#, ON A 35/64" CHK, 24 HRS.

DATE: 8/11/97

FLWG 140 MCFD, 15 BW, FTP 525#, CP 725#, ON A 35/64" CHK, 24 HRS.

DATE: 8/12/97

FLWG 148 MCFD, 40 BW, FTP 475#, CP 710#, ON A 35/64" CHK, 24 HRS.

DATE: 8/13/97

FLWG 118 MCFD, 66 BW, FTP 525#, CP 775#, ON A 35/64" CHK, 24 HRS.

DATE: 8/14/97

FLWG 143 MCFD, 22 BW, FTP 525#, CP 700#, ON A 35/64" CHK, 24 HRS.

DATE: 8/15/97

FLWG 134 MCFD, 15 BW, FTP 480#, CP 740#, ON A 35/64" CHK, 24 HRS.  
IP DATE - 7/2/97: FLWG 378 MCFD, 105 BW, FTP 400#, CP 900#, ON A 24/64" CHK.  
FINAL REPORT.

STATE OF UTAH  
DIVISION OF OIL, GAS AND MINING

**SUNDRY NOTICES AND REPORTS ON WELLS**

Do not use this form for proposals to drill new wells, deepen existing wells, or to reenter plugged and abandoned wells.  
Use APPLICATION FOR PERMIT TO DRILL OR DEEPEN form for such purposes

1. Type of Well: OIL ☐ GAS ☒ OTHER:

2. Name of Operator

Coastal Oil & Gas Corporation

3. Address and Telephone Number.

P.O. Box 749, Denver, CO 80201-0749

(303) 573-4476

4. Location of Well

Footages: 1943' FSL, 1843' FEL

QQ, Sec., T., R., M.: NESW, Section 36-T9S-R21E

5. Lease Designation and Serial Number

ML-22265

6. Indian, Allottee or Tribe Name:

N/A

7. Unit Agreement Name:

N/A

8. Well Name and Number:

Morgan State #11-36

9. API Well Number:

43-047-32813

10. Field and Pool, or Wildcat

Natural Buttes Field

County: Uintah

State: Utah

**11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA**

**NOTICE OF INTENT**  
(Submit in Duplicate)

- |  |   |
|--|---|
| <input type="checkbox"/> Abandon                   | <input type="checkbox"/> New Construction     |
| <input type="checkbox"/> Repair Casing             | <input type="checkbox"/> Pull or Alter Casing |
| <input type="checkbox"/> Change of Plans           | <input type="checkbox"/> Recomplete           |
| <input type="checkbox"/> Convert to Injection      | <input type="checkbox"/> Perforate            |
| <input type="checkbox"/> Fracture Treat or Acidize | <input type="checkbox"/> Vent or Flare        |
| <input type="checkbox"/> Multiple Completion       | <input type="checkbox"/> Water Shut-Off       |
| <input type="checkbox"/> Other _____               |   |

Approximate date work will start \_\_\_\_\_

**SUBSEQUENT REPORT**  
(Submit Original Form Only)

- |  |   |
|--|---|
| <input type="checkbox"/> Abandon*                  | <input type="checkbox"/> New Construction     |
| <input type="checkbox"/> Repair Casing             | <input type="checkbox"/> Pull or Alter Casing |
| <input type="checkbox"/> Change of Plans           | <input type="checkbox"/> Perforate            |
| <input type="checkbox"/> Convert to Injection      | <input type="checkbox"/> Vent or Flare        |
| <input type="checkbox"/> Fracture Treat or Acidize | <input type="checkbox"/> Water Shut-Off       |
| <input checked="" type="checkbox"/> Other _____    | Install pump jack & run rods                  |

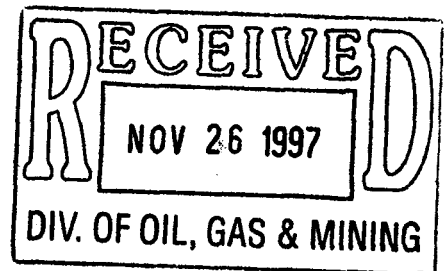
Date of work completion 11/11/97

Report results of **Multiple Completions** and **Recompletions** to different reservoirs on WELL COMPLETION OR RECOMPLETION REPORT AND LOG form.

\* Must be accompanied by a cement verification report.

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

Please see the attached chronological history for the subject well.



13.

Name & Signature

*Sheila Bremer*

Title

Sheila Bremer

Environmental & Safety Analyst

Date

11/24/97

(This space for State use only)



COASTAL OIL & GAS USA, L.P.

CHRONOLOGICAL HISTORY

Page 1

**MORGAN STATE #11-36**

Natural Buttes Field  
Sec. 36, T9S-R21E  
Uintah County, UT  
COGC WI: 100.0%  
Perfs: 4903'-7960'  
4-1/2" csg set @ 8038'

**Install Pump Jack & Run Rods**

11/03/97      Prep to PU 3/4" rods. MIRU TWS #1. Blow dn tbg & csg. RD tree, NU BOPs. POOH 20 stds. Pmp 40 bbls dn tbg & csg. Finish TOOH. PU 1- 2 3/8" bull plug, 1 jt tbg, 1-6' perf sub, 1 SN w/100 jts tbg, 1 tbg hgr, 150 jts tbg. ND BOPs. Set tbg hgr w/10,000# tension. Land on tbg hgr. SI tbg, leave csg open to sales. SDFN.  
DC: \$6,884      TC: \$6,884

11/04/97      SICP 200#. Blow dn tbg & kill w/25 bbls 2% KCl wtr. PU & service pmp. PU 314-3/4" E.L. rods. Seat pmp & space out. Fill tbg w/18 bbls 2% KCl wtr. Test to 500#. Hang well on. RD rod equip. Put well on pmp & return to production.  
DC: \$8,271      TC: \$44,314

11/05/97      Pmpd 1 MCF, 25 BW, CP 260#, 8 hrs.

11/06/97      Pmpd 4 MCF, 15 BW, CP 255#, 24 hrs.

11/07/97      Pmpd 4 MCF, 3 BW, CP 250#, 30 min.

11/08/97      Pmpd 16 MCF, 27 BW, CP 255#, 24 hrs.

11/09/97      Pmpd 25 MCF, 30 BW, CP 254#, 24 hrs.

11/10/97      Pmpd 17 MCF, 30 BW, CP 255#, 24 hrs.

11/11/97      Pmpd 7 MCF, 7 BW, CP 52#, 24 hrs. Prior production: Flwg 88 MCF, 1 BW, FTP 65#, CP 95#, 64/64" ck. **Final Report.**

Amended

## WELL COMPLETION OR RECOMPLETION REPORT AND LOG

1a. TYPE OF WELL: OIL ☐ GAS ☒ DRY ☐ Other \_\_\_\_\_  
 b. TYPE OF COMPLETION: NEW ☒ WORK OVER ☐ DEEP-EN ☐ PLUG BACK ☐ DIFF. RESVR. ☐ Other \_\_\_\_\_

## 2. NAME OF OPERATOR

Coastal Oil &amp; Gas Corporation

## 3. ADDRESS OF OPERATOR

P.O. Box 749, Denver, CO 80201-0749

## 4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)

At surface

1943' FSL &amp; 1843' FWL (NESW)

At top prod. interval reported below

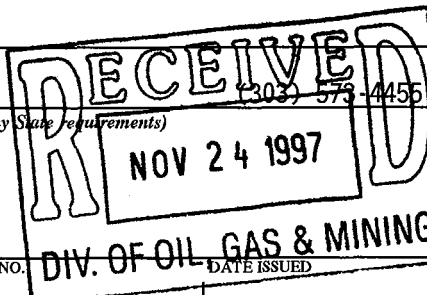
At total depth

## 14. API NO.

43-047-32813

## DATE ISSUED

1/16/97



## 5. LEASE DESIGNATION AND SERIAL NO.

ML-22265

## 6. IF INDIAN, ALLOTTEE OR TRIBE NAME

N/A

## 7. UNIT AGREEMENT NAME

N/A

## 8. FARM OR LEASE NAME

Morgan State

## 9. WELL NO.

#11-36

## 10. FIELD AND POOL, OR WILDCAT

Natural Buttes Field

## 11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA

Section 36 T9S-R21E

## 12. COUNTY

Uintah

## 13. STATE

Utah

## 15. DATE SPUDDED

4/29/97

## 16. DATE T.D. REACHED

5/27/97

## 17. DATE COMPL.

7/31/97

(Ready to prod.)

or

(Plug &amp; Abd.)

## 18. ELEVATIONS (DF, RKB, RT, GR, ETC.)

5087 GR

## 19. ELEV. CASINGHEAD

## 20. TOTAL DEPTH, MD &amp; TVD

8036'

## 21. PLUG, BACK T.D., MD &amp; TVD

## 22. IF MULTIPLE COMPL., HOW MANY

## 23. INTERVALS DRILLED BY

→

## ROTARY TOOLS

X

## CABLE TOOLS

## 24. PRODUCING INTERVAL(S), OF THIS COMPLETION - TOP, BOTTOM, NAME (MD AND TVD)

Wasatch: 7947-6375', 4903-5605'

## 25. WAS DIRECTIONAL SURVEY MADE

Single shot

## 26. TYPE ELECTRIC AND OTHER LOGS RUN

HALS/LDT/CNL/GR/CAL, CBL

## 27.

Was Well Cored

YES ☐ NO ☒ (Submit analysis)

Drill System Test

YES ☐ NO ☒ (See reverse side)

## 28. CASING RECORD (Report all strings set in well)

CASING SIZE/GRADE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
8 5/8", K-55	24#	250'	11"	See attached chrono 4/30/97	
4 1/2", N80	11.6#	8036'	7 7/8"	See attached chrono 5/30/97	

## 29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
					2 3/8"	7437'	

## 30. TUBING RECORD

## 31. PERFORATION RECORD (Interval, size and number)

7947-7960, (4 spf 52 holes)

7756, 7671, 7666, 7599, 7517, 7501 (2 spf, 12 holes)

7114-16, 7028, 6905, 6713, 6375 (2 spf, 14 holes)

4903, 5556-57, 5605-08 (2 spf, 14 holes)

## 32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
7947-60'	See attached chrono - 6/21/97
7756-6375'	See attached chrono - 6/21 & 6/22
4903-5608'	See attached chrono - 6/22/97

## 33. PRODUCTION

DATE FIRST PRODUCTION 6/21/97		PRODUCTION METHOD (Flowing, gas lift, pumping - size and type of pump) Flowing				WELL STATUS (Producing or shut-in) Producing	
DATE OF TEST 7/3/97	HOURS TESTED 24	CHOKE SIZE 24/64"	PROD'N. FOR TEST PERIOD →	OIL - BBL. 0	GAS - MCF. 378	WATER - BBL. 105	GAS - OIL RATIO
FLOW. TUBING PRESS. 400#	CASING PRESSURE 900#	CALCULATED 24-HOUR RATE →	OIL - BBL. 0	GAS - MCF. 378	WATER - BBL. 105	OIL GRAVITY - API (CORR.)	

## 34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)

Sold

## TEST WITNESSED BY

## 35. LIST OF ATTACHMENTS

Chronological history

## 36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records

SIGNED

TITLE

Bonnie Carson

Sr. Environmental Analyst

DATE 10/17/97

See Spaces for Additional Data on Reverse Side

# INSTRUCTIONS

This form should be completed in compliance with the Utah Oil and Gas Conservation General Rules. If not filed prior to this time, all logs, tests, and directional surveys as required by Utah Rules should be attached and submitted with this report.

ITEM 18: Indicate which elevation is used as reference for depth measurements given in other spaces on this form and on any attachment.  
ITEMS 22 and 24: If this well is completed for separate production from more than one interval zone (multiple completion), so state in item 22, and in item 24 show the producing interval, or intervals, top(s), bottom(s) and name(s) for only the interval reported in item 33. Submit a separate report (page) on this form, adequately identified, for each additional interval to be separately produced, showing the additional data pertinent to such interval.

ITEM 29: "Sacks Cement": Attached supplemental records for this well should show the details for any multiple stage cementing and the location the cementing tool.

ITEM 33: Submit a separate completion report on this form for each interval to be separately produced (see instruction for items 22 and 24 above).

## 37. SUMMARY OF POROUS ZONES:

Show all important zones of porosity and contents thereof: cored intervals; and all drill-stem, tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures, and recoveries).

Formation	Top	Bottom	Description, contents, etc.	Name	Top	
					Meas. Depth	True Vert. Depth
				Wasatch	4666'	
					(+432 MSL)	
				Mesaverde	7345'	
					(-2247 MSL)	

**PERC****WELL CHRONOLOGICAL REPORT****WELL NAME:** MORGAN STATE #11-36**FIELD NAME:** NATURAL BUTTES**COUNTY:** UINTAH**AFE#:** 27057**OPERATOR:** COASTAL OIL & GAS CORP.**SPUD DATE:****WI%:****DATE:** 4/30/97**DEPTH:**

249

**ACTIVITY AT REPORT TIME:** WO ROTARY TOOLS**HOURS:**

0.00

**PROGRESS:**

0 ft

**MW:**

0.0

**DAILY COST:** \$10,334.50**CUMM COST :**

\$10,334.50

**ACTIVITY LAST  
24 HOURS:**

SPUD WELL @ 2:00 PM 4/29/97 W/BILL JR RATHOLE. DRILL 11" HOLE TO 255. RIH W/6 JTS 8 5/8" 24# 8RD ST&amp;C CSG. TALLY RAN 249.65'. RAN 3 CENTRALIZERS. PU HOWCO. MIX &amp; PMP 85 SXS PREM CMT W/2% CACL2. DISPL W/132 BBLs H2O. CIRC APPROX 6 BBL CMT TO PIT

**DATE:** 5/9/97**DEPTH:**

269

**ACTIVITY AT REPORT TIME:** RU TO PRESS TEST BOP'S**HOURS:**

0.00

**PROGRESS:**

0 ft

**MW:**

0.0

**DAILY COST:** \$10,714.00**CUMM COST :**

\$21,048.50

**ACTIVITY LAST  
24 HOURS:**

MOVE RIG 2 FROM CIGE 199 &amp; RU ON MORGAN STATE 11-36. DOUBLE JACK TESTING. RU TO TEST BOP'S. DAVE HACKFORD W/UTAH STATE HAS BEEN NOTIFIED

**DATE:** 5/10/97**DEPTH:**

919

**ACTIVITY AT REPORT TIME:** DRLG**HOURS:**

10.50

**PROGRESS:**

650 ft

**MW:**

0.0

**DAILY COST:** \$27,966.40**CUMM COST :**

\$49,014.90

**ACTIVITY LAST  
24 HOURS:**

RU RT PRESS TEST BOP'S TO 2000'. HYDRIL &amp; 8 5/8" CSG TO 1500 PU BHA INSTALL ROT HEAD &amp; UNLOAD HOLE DRILL CMT 200-269' DRLG 269-561' SURVEY @ 519' 1/2 DEGS DRLG 561-919'

WELL NAME: MORGAN STATE #11-36

FIELD NAME: NATURAL BUTTES

COUNTY: UINTAH

AFE#: 27057

OPERATOR: COASTAL OIL &amp; GAS CORP.

SPUD DATE:

WI%:

DATE: 5/14/97

DEPTH:

4743

ACTIVITY AT REPORT TIME: DRLG

HOURS:

16.50

PROGRESS:

571 ft

MW:

8.8

DAILY COST: \$17,628.90

CUMM COST :

\$114,858.30

ACTIVITY LAST  
24 HOURS:

SURVEY DRLG TRIP FOR BIT #2 W&amp;R 60' TO BTM DRLG SURVEY DRLG

DATE: 5/15/97

DEPTH:

5185

ACTIVITY AT REPORT TIME: DRLG

HOURS:

21.00

PROGRESS:

442 ft

MW:

8.6

DAILY COST: \$30,433.70

CUMM COST :

\$145,292.00

ACTIVITY LAST  
24 HOURS:DRLG SURVEY DRLG SURVEY DRLG SURVEY SWITCH TO AERATED WATER DRLG  
SURVEY DRLG NOTE: DON BRAITHWAITH WAS HIT BY TONGS ONR IGH TLEG. CHECKED BY  
DR. WILCKEN IN VERNAL & RETURNED TO WORK.

DATE: 5/16/97

DEPTH:

5685

ACTIVITY AT REPORT TIME: DRLG

HOURS:

23.00

PROGRESS:

500 ft

MW:

8.7

DAILY COST: \$14,224.40

CUMM COST :

\$159,516.40

ACTIVITY LAST  
24 HOURS:

DRLG 5185-5326' SURVEY DRLG 5326-5512' SURVEY DRLG 5512-5685'. NO DB'S.

**PERC****WELL CHRONOLOGICAL REPORT**

WELL NAME: MORGAN STATE #11-36

FIELD NAME: NATURAL BUTTES

COUNTY: UINTAH

AFE#: 27057

OPERATOR: COASTAL OIL &amp; GAS CORP.

SPUD DATE:

WI%:

DATE: 5/20/97

DEPTH:

6023

ACTIVITY AT REPORT TIME: W&amp;R

HOURS:

0.00

PROGRESS:

0 ft

MW:

8.7

DAILY COST: \$18,802.80

CUMM COST :

\$216,451.80

ACTIVITY LAST  
24 HOURS:INSTALL ROT HEAD & DRILL PIPE W&R 6000-6023' MILL ON CONES POOH TIH W/BIT #3 CUT  
DRLG LINE RIG REPAIR. MUD PUMP & ROT TORQ GAUGE TIH TO 5500' W&R 5500-5976'

DATE: 5/21/97

DEPTH:

6410

ACTIVITY AT REPORT TIME: DRLG

HOURS:

18.50

PROGRESS:

387 ft

MW:

8.7

DAILY COST: \$11,093.50

CUMM COST :

\$227,545.30

ACTIVITY LAST  
24 HOURS:W&R 5976-6007' UNLOAD HOLE W/AIR W&R 6007-6023' (TIGHT) DRLG 6023-6129 RS DRLG  
6129-6410'. DB 6215-23'

DATE: 5/22/97

DEPTH:

6828

ACTIVITY AT REPORT TIME: DRLG

HOURS:

22.00

PROGRESS:

418 ft

MW:

8.7

DAILY COST: \$18,098.30

CUMM COST :

\$245,643.60

ACTIVITY LAST  
24 HOURS:RS DRLG 6410-6472' SURVEY DRLG 6472-6567' CHANGE ROT HEAD RUBBER DRLG 6567-  
6828'. DB: 6625-49', 6700-05'

**PERC****WELL CHRONOLOGICAL REPORT**

WELL NAME: MORGAN STATE #11-36

FIELD NAME: NATURAL BUTTES

COUNTY: UINTAH

AFE#: 27057

OPERATOR: COASTAL OIL &amp; GAS CORP.

SPUD DATE:

WI%:

DATE: 5/26/97

DEPTH:

7890

ACTIVITY AT REPORT TIME: DRLG

HOURS:

23.00

PROGRESS: 260 ft

MW:

9.2

DAILY COST: \$13,631.50

CUMM COST:

\$309,431.30

ACTIVITY LAST  
24 HOURS:

DRLG 7630-7818' REPAIR RIG OILER CHAIN RS DRLG 7818-7890'

DATE: 5/27/97

DEPTH:

8036

ACTIVITY AT REPORT TIME: CIRC &amp; SPOT 10# BRINE

HOURS:

12.50

PROGRESS: 146 ft

MW:

8.7

DAILY COST: \$14,174.00

CUMM COST:

\$323,605.30

ACTIVITY LAST  
24 HOURS:RIG REPAIR (MUD PMP) DRLG 7890-8000' CIRC DRLG 8000-8036' CIRC & COND SHORT TRIP.  
TIGHT @ 4874' WORK TIGHT HOLE FIN SHORT TRIP OUT TO 3800' TIH. NO TIGHT SPOTS GOING  
IN CIRC & SPOT 10# GELLED BRINE ON BTM (400 BBLs). DB 7911-17', 7927-29', 7934-63'

DATE: 5/28/97

DEPTH:

8036

ACTIVITY AT REPORT TIME: TRIP OUT W/FISH

HOURS:

0.00

PROGRESS: 0 ft

MW:

0.0

DAILY COST: \$17,212.80

CUMM COST:

\$340,818.10

ACTIVITY LAST  
24 HOURS:TRIP OUT. WORK TIGHT HOLE 4816' TO 4725'. WORK STUCK PIPE @ 4816'. RAN FREE POINT.  
STUCK @ DRILLING JARS ON TOP OF D.C.'S. BACKED OFF @ 4170'. LEFT 2 JTS HWDP ON FISH (FISH  
BIT #4, BIT SUB, 18 6-1/4 D.C.'S, DRILLING JARS, 2 JTS HWDP - 639.41' TOTAL). TRIP OUT W/13 HWDP.  
TRIP IN W/SCREW IN SUB, BUMPER SUB, JARS, XO, KEY SEAT WIPER, 8-6" D.C.'S, XO, INTENSIFIER,  
XO, 12 JTS HWDP. CUT DRILLING LINE. TIH, BREAK CIRCULATION. SCREW INTO FISH. BUMPED  
DOWN TWICE. FISH CAME FREE. RAN DOWN 40', WORKED UP 120'. NO TIGHT HOLE. TRIP OUT OF  
HOLE.

**PERC****WELL CHRONOLOGICAL REPORT**

WELL NAME: MORGAN STATE #11-36

FIELD NAME: NATURAL BUTTES

COUNTY: UINTAH

AFE#: 27057

OPERATOR: COASTAL OIL &amp; GAS CORP.

SPUD DATE:

WI%:

DATE: 6/4/97

DEPTH:

8036

ACTIVITY AT REPORT TIME: WELL ON PRODUCTION

HOURS:

0.00

PROGRESS: 0 ft

MW:

0.0

DAILY COST: \$4,748.00

CUMM COST :

\$538,785.40

ACTIVITY LAST  
24 HOURS:

MIRU SCHLUMBERGER WL. RUN BOND LOG - 1000 PSI, TOC @ 1630'.

DATE: 6/18/97

DEPTH:

8036

ACTIVITY AT REPORT TIME: BACK TO WAITING ON COMPLETION TO BEGIN

HOURS:

0.00

PROGRESS: 0 ft

MW:

0.0

DAILY COST: \$0.00

CUMM COST :

\$538,785.40

ACTIVITY LAST  
24 HOURS:

JUNE 5TH THROUGH JUNE 18TH - WAITING FOR COMPLETION TO BEGIN.

DATE: 6/19/97

DEPTH:

8036

ACTIVITY AT REPORT TIME: PREP TO FRAC NO. 1

HOURS:

0.00

PROGRESS: 0 ft

MW:

0.0

DAILY COST: \$3,298.00

CUMM COST :

\$542,083.40

ACTIVITY LAST  
24 HOURS:RM 5M FRAC VLV. RU SCHLUMBERGER. RIH W/3-1/8" HEG GUN W/4 SPF @ 90 DEGREES PHASING  
& PERF FROM 7947'-7960', 52 HOLES (MORE OR LESS 40" HOLE). SHOWED 400 PSI AFTER PERF'D.  
RD SCHLUMBERGER.

DATE: 6/20/97

SI - WAITING ON FRAC EQUIP.



**PERC****WELL CHRONOLOGICAL REPORT**

WELL NAME: MORGAN STATE #11-36

FIELD NAME: NATURAL BUTTES

COUNTY: UINTAH

AFE#: 27057

OPERATOR: COASTAL OIL &amp; GAS CORP.

SPUD DATE:

WI%:

DATE: 6/22/97

DEPTH:

8036

ACTIVITY AT REPORT TIME: CLEAN-UP WELLBORE - FLOW TEST

HOURS:

0.00

PROGRESS: 0 ft

MW:

0.0

DAILY COST: \$134,948.00

CUMM COST: \$678,421.40

**ACTIVITY LAST  
24 HOURS:**

SCHLUMBERGER. RIH W/ 4-1/2 PDQ, CIBP, SET @ 7320'. BLEW WELL & SURGE WELL 3 TIMES. EACH TIME, PMP @ 14 BPM @ 4800 PSI. PMP 630 GALS 15% HCL & 25 1-3 BALL SEALERS - BALL OFF. WAITED 10 MIN, SURGE BALLS OFF, TRY PMPG INTO @ 1.2 BPM @ 4950 PSI, MAX RT = 5.0 BPM, MAX/AVG P = 5000/3000 PSI, FINAL 5000 PSI. LOAD TO REC 233 BBLs. RU SCHLUMBERGER, RIH W/ 3-3/8" PORT PLUG GUN 2 SPF, 180% PHASING .34 ENTRY HOLE & RE-PERF THE FOLLOWING INTERVALS 7114'-16', 7028', 6905', 6713', 6375', 14 HOLES. NO PRESS CHANGE 1600 PSI. BRK DN PERFS @ 3800 PSI. FRAC #3 STAGE W/ 131,000# 20/40 & 35,826 GALS GEL FLUIDS, ISIP 3750 PSI. MAX/AVG P = 4800/3000 PSI, FINAL 4600 PSI. (TAG W/ SCANDIUM) FLUSH & DISPLACE FRAC #3 W/ 1100 GALS 15% HCL. LOAD TO REC 853 BBLs. RU SCHLUMBERGER. RIH W/ 4-1/2 FRAC BAFFLE & SET @ 5630'. DROP 2" BALL & CHASE W/ PERF GUN. APPLY 2600 PSI TO FRAC BALL, PERF W/ 3-3/8" PORT PLUG GUN, PERF 4903', 5556'-57', 5605'-08', 180% PHASING, 2 SPF, .34" ENTRY HOLE 14 HOLES. BRK DN FRAC STAGE #4 @ 15 BPM @ 4500 PSI. PMP 105, 115# 20/40 MESH W/26,124 GALS GEL FLUID. ISIP 2065 PSI, MAX/AVG P = 4865/2800 PSI, FINAL 2152 PSI. (TAG W/ ANTIMONY) 622 BBLTR. FLOW BACK WELL ON 20/64" CHK @ 1200 PSI @ 7:30 PM. TOTAL 1708 BBLTR.

PM. TOTAL 1708 BBLTR.

TIME... CP .CHK. BWPH. SD

7:00...1200 .20...15...NON

8:00...200 .20...10...NON

9:00...0 .0...2...HVV

11:00...0 .0...1...NON

12AM...0 .0...1...NON

1:00...0 .0...1...NON

2:00...0 .0...1...NON

3:00...0 .0...1...NON

5:00...1050 .18...20...NON

6:00...900 .18...20...NON

6:30...800 .18...20...NON

PMPD 1871 BLWTR, REC 170 BLW, 1018 BBLTR, GAS 700 MCFPD.

DATE: 6/23/97

DEPTH:

8036

ACTIVITY AT REPORT TIME: RIH 2-3/8" TBG &amp; MILL

HOURS:

0.00

PROGRESS: 0 ft

MW:

DAILY COST: \$392,876.00

CUMM COST: \$1,071,297.40

**ACTIVITY LAST  
24 HOURS:**

MIRU CWS RIG #70, PUMP & TANK. PU & RIH 2.75 MILL ON 2-3/8" J-55 TBG, 189 JTS TO APPROX 4385'. SDFN. LEFT FLOWBACK CREW WATCH WELL. FLOW TO PIT OVER NIGHT. PUMP 30 BBLs 3% KCL TO CONTROL WELL, REC 150 BBLs. PMPD 1738 BLWTR, REC 150 BLW, 1588 BBLTR.

**PERC****WELL CHRONOLOGICAL REPORT**

WELL NAME: MORGAN STATE #11-36

FIELD NAME: NATURAL BUTTES

COUNTY: UINTAH

AFE#: 27057

OPERATOR: COASTAL OIL &amp; GAS CORP.

SPUD DATE:

WI%:

DATE: 6/27/97

DEPTH:

8036

ACTIVITY AT REPORT TIME: RU OWP TO SET CIB IN TBG.

HOURS:

0.00

PROGRESS: 0 ft

MW:

0.0

DAILY COST: \$3,560.00

CUMM COST:

\$1,087,382.40

ACTIVITY LAST  
24 HOURS:

SICP 1200 PSI, SICP 1300 PSI. RU HARD LINES TO CIRC PIT. INSTALL POS. CHK ON LINE INTO PIT. OPEN TBG TO PIT ON 30" CHK. START PMPG INTO CSG @ 3+ BPM, CIRC 3 HRS. SI WELL @ 11:15 AM. AT 11:30 AM, BOTH SIDES HAD 800#. OPEN TBG TO PIT, FULL OPEN, PSI FELL TO LESS THAN 100#. REMOVE POWER SWIVEL, INSTALL TIW. LD SWIVEL, CLEAN CIRC PIT & SWAB LUB. PMPD 350 BLWTR, REC 310 BLW, 40 BLLTR.

DATE: 6/28/97

DEPTH:

8036

ACTIVITY AT REPORT TIME: ND BOPS, NU TREE, PULL PLUG OUT X-NIPPLE

HOURS:

0.00

PROGRESS: 0 ft

MW:

0.0

DAILY COST: \$24,802.00

CUMM COST:

\$1,112,184.40

ACTIVITY LAST  
24 HOURS:

SITP 1800 PSI, SICP 1300 PSI. PUMP 30 BBLS 3% KCL IN TBG, PSI AFTER 1000#. MIRU OWP W/ GREASE. RIH 1.75 GAUGE TO MILL. POH & RIH 2-3/8" CIB SET INSIDE JT .233 17', FROM TOP END. MILL ON BTM. POH, RD & RLS OWP. POH - LD 80 JTS. RU SWAB. SWAB TO 5000'. MIRU CUDD. POH 76 STDS, 1 SINGLE, LD LAST JT & MILL. PU & RIH NC 1 JT X-NIPPLE W/PLUG IN PLACE, 154 JTS, HANGER, LAND IN TBG SPOOL. RD & RLS CUDD. SN @ 4839', EOT @ 4871'. PMPD 30 BLWTR, REC 20 BLW, 10 BLLTR. SDF TIME. . . .CP. TP. CHK. WTR. SD  
10:30AM. 1125 .1125. 30. .20. .M  
11:00. . . .825 .1500. 18. .20. .M  
12:PM. . . .825 .1500. 18. .20. .M  
1:00. . . .875 .1500. 18. .20. .M-H  
2:00. . . .825 .1325. 18. .20. .L-M  
3:15. . . .775 .1325. 18. .23. .L  
5:00. . . .800 .1325. 18. .30. .L  
700 MCF, 205 BLW, REAL WET GAS

**PERC****WELL CHRONOLOGICAL REPORT**

WELL NAME: MORGAN STATE #11-36

FIELD NAME: NATURAL BUTTES

COUNTY: UINTAH

AFE#: 27057

OPERATOR: COASTAL OIL &amp; GAS CORP.

SPUD DATE:

WI%:

DATE: 7/1/97

DEPTH:

8036

ACTIVITY AT REPORT TIME: ON PRODUCTION

HOURS:

0.00

PROGRESS:

0 ft

MW:

0.0

DAILY COST:

\$0.00

CUMM COST :

\$1,114,934.40

ACTIVITY LAST  
24 HOURS:

TIME...CP...TP. BW. MCF

6:30. 1140. 600. 33.4. 350

7:30. 1125. 600. 15.3. 350

8:30. 1120. 600. 15. 375

9:30. 1100. 675. 13. 375

10:30. 1100. 600. 11.6. 400

11:30. 1075. 600. 13.3. 400

12:AM. 1050. 600. 16. 400

1:30. 1050. 600. 15. 400

2:30. 1025. 600. 13.3. 400

3:30. 1020. 600. 13.3. 400

4:30. 1020. 600. 8.3. 400

5:30. 1000. 600. 8.3. 400

FLWG 400 MCF, 250 BW, FTP 600 PSI, CP 1000 PSI ON 20/64" CHK.

DATE: 7/2/97

DEPTH:

8036

ACTIVITY AT REPORT TIME: ON PRODUCTION

HOURS:

0.00

PROGRESS:

0 ft

MW:

0.0

DAILY COST:

\$0.00

CUMM COST :

\$1,114,934.40

ACTIVITY LAST  
24 HOURS:

FLWG 300 MCF, 261 BW, FTP 500 PSI, CP 960 PSI ON 24/64" CHK.

DATE: 7/3/97

DEPTH:

8036

ACTIVITY AT REPORT TIME: ON PRODUCTION

HOURS:

0.00

PROGRESS:

0 ft

MW:

0.0

DAILY COST:

\$0.00

CUMM COST :

\$1,114,934.40

ACTIVITY LAST  
24 HOURS:

FLWG 378 MCF, 105 BW, FTP 400 PSI, CP 900 PSI ON 24/64" CHK.

**PERC****WELL CHRONOLOGICAL REPORT**

WELL NAME: MORGAN STATE #11-36

FIELD NAME: NATURAL BUTTES

COUNTY: UINTAH

AFE#: 27057

OPERATOR: COASTAL OIL &amp; GAS CORP.

SPUD DATE:

WI%:

DATE: 7/7/97

DEPTH:

8036

ACTIVITY AT REPORT TIME: ON PRODUCTION

HOURS:

0.00

PROGRESS:

0 ft

MW:

0.0

DAILY COST:

\$0.00

CUMM COST :

\$1,114,934.40

ACTIVITY LAST  
24 HOURS:

FLWG 274 MCF, 106 BW, FTP 320 PSI, CP 700 PSI ON 30/64" CHK.

DATE: 7/8/97

DEPTH:

8036

ACTIVITY AT REPORT TIME: ON PRODUCTION

HOURS:

0.00

PROGRESS:

0 ft

MW:

0.0

DAILY COST:

\$0.00

CUMM COST :

\$1,114,934.40

ACTIVITY LAST  
24 HOURS:

FLOWING 252 MCF, 130 BW, FTP 300#, CP 710#, 30/64" CHK.

DATE: 7/9/97

DEPTH:

8036

ACTIVITY AT REPORT TIME: ON PRODUCTION

HOURS:

0.00

PROGRESS:

0 ft

MW:

0.0

DAILY COST:

\$0.00

CUMM COST :

\$1,114,934.40

ACTIVITY LAST  
24 HOURS:

FLOWING 238 MCF, 80 BW, FTP 300#, CP 660#, 30/64" CHK.

**WELL NAME:** MORGAN STATE #11-36

**FIELD NAME:** NATURAL BUTTES

**COUNTY:** UINTAH

**AFE#:** 27057

**OPERATOR:** COASTAL OIL & GAS CORP.

**SPUD DATE:**
**WI%:**
**DATE:** 7/13/97

**DEPTH:**

8036

**ACTIVITY AT REPORT TIME:** PREP TO MILL DN BP AND CLEAN OUT

**HOURS:**

0.00

**PROGRESS:** 0 ft

**MW:**

0.0

**DAILY COST:** \$4,027.00

**CUMM COST :**

\$1,136,311.40

**ACTIVITY LAST  
24 HOURS:**

CHECK WELL, 1000# ON TBG, 725 ON CP. PU TBG & RIH, TAG @ 7320'. PMP 120 BBLS 3% KCL, ESTABLISH CIRCULATION. PMP 3 BPM, LOSING 1 BPM. MILL DN BP FOR 2 HRS. PLUG CAME FREE, RUN TBG TO 7620'. PU 7 JTS TBG. RIH TO 7847'. TAG. START MILLING. MILL FROM 7847' TO 7855' IN 2 HRS, LOST 635 BBLS INTO FORMATION. CIRC HOLE. POOH W/ TBG TO 4871'. RUBBER AND IRON CHUNKS IN RETURNS AND GETTING HUNG UP IN SURFACE PIPING. SDFN

**DATE:** 7/14/97

**DEPTH:**

8036

**ACTIVITY AT REPORT TIME:** FREE POINT, CUT TUBING

**HOURS:**

0.00

**PROGRESS:** 0 ft

**MW:**

0.0

**DAILY COST:** \$5,614.00

**CUMM COST :**

\$1,141,925.40

**ACTIVITY LAST  
24 HOURS:**

CHECK WELL TBG, 0# CP. SLIGHT BLOW, START CIRC. PMP 15 BBLS, TAG @ 7820', MILL 3 HRS. MILL TO 7826', LOST 90 BBLS TO FORMATION. POOH W/TBG AND MILL TIGHT SPOT @ 7806'. WORK FREE & POOH. MILL WORE OUT. RIH W/ 3-7/8" BURN SHOE AND 4' LONG 3-3/4" OD. WP, TAG @ 7826'. MILL DOWN TO 7924', LOST CIRCULATION, MILL PLUGGED UP LOST TORK PIPE - WOULD NOT WORK FREE. JARRED 70,000 - PIPE STUCK, SDFN.

**DATE:** 7/15/97

**DEPTH:**

8036

**ACTIVITY AT REPORT TIME:** PREP TO RD. WAIT FOR COIL TUBING

**HOURS:**

0.00

**PROGRESS:** 0 ft

**MW:**

0.0

**DAILY COST:** \$3,626.00

**CUMM COST :**

\$1,145,551.40

**ACTIVITY LAST  
24 HOURS:**

MIRU CUTTERS WL, TAG SAND @ 7587'. TBG FREE, POOH - RD WL. SWI, WAIT FOR CT.

**PERC****WELL CHRONOLOGICAL REPORT**

WELL NAME: MORGAN STATE #11-36

FIELD NAME: NATURAL BUTTES

COUNTY: UINTAH

AFE#: 27057

OPERATOR: COASTAL OIL &amp; GAS CORP.

SPUD DATE:

WI%:

DATE: 7/19/97

DEPTH:

8036

ACTIVITY AT REPORT TIME: RIH CHECK PBTD LD PIPE &amp;

HOURS:

0.00

PROGRESS: 0 ft

MW:

0.0

DAILY COST: \$5,986.00

CUMM COST : \$1,179,603.40

ACTIVITY LAST  
24 HOURS:

BLD WELL OFF. POOH W/KILL STRING. RIH W/DC, POOH, LD DC. KILL WELL W/20 BBLS WTR. PU  
& RIH W/NOTCHED COLLAR, 1 JT TBG, X NIPPLE, RIH W/252 MORE JTS. TAG @ 7924'. PU SWIVEL,  
BREAK CIRC CLEAN TO 7986' CIRC & CLEAN HOLE. POOH 33 JTS. SIFN.

DATE: 7/20/97

DEPTH:

8036

ACTIVITY AT REPORT TIME: PREP TO SWB

HOURS:

0.00

PROGRESS: 0 ft

MW:

0.0

DAILY COST: \$8,954.00

CUMM COST : \$1,188,557.40

ACTIVITY LAST  
24 HOURS:

SITP 1000#, SICP 1000#. PMP 20 BBLS DWN TBG. TIH TO PBTD @ 7986'. LD TBG, LAND @  
7437', TAG TBG HGR. RD. ND BOP, NU TREE. BROUCH TBG. MIRU SU. SWB 80 BF / 5  
RUNS. IFL 1300', FFL 1200'. FLW TO PIT ON 20/64" CHK. SDFN.

DATE: 7/21/97

DEPTH:

8036

ACTIVITY AT REPORT TIME: SWB.

HOURS:

0.00

PROGRESS: 0 ft

MW:

0.0

DAILY COST: \$1,113.00

CUMM COST : \$1,189,670.40

ACTIVITY LAST  
24 HOURS:

MIRU SU. IFL 2000#. SWB 3 RUNS. FLW TO PIT OE / 3 HRS. PUT ON 28/64" CHK. FFL 500'.  
FTP 50 PSI, FCP 1050 PSI. REC 90 BF, 710 BLFTR.

WELL NAME: MORGAN STATE #11-36

FIELD NAME: NATURAL BUTTES

COUNTY: UTAH

AFE#: 27057

OPERATOR: COASTAL OIL &amp; GAS CORP.

SPUD DATE:

WI%:

DATE: 7/30/97

DEPTH:

8036

ACTIVITY AT REPORT TIME: SI F/ PBU

HOURS:

0.00

PROGRESS:

0 ft

MW:

0.0

DAILY COST:

\$972.00

CUMM COST :

\$1,197,408.40

ACTIVITY LAST  
24 HOURS:

SITP 700#, SICP 820#. MIRU WL. RIH 1925' SWDG TIGHT SPOTS @ 664', 3108', 6120' & 6930'.  
STUCK IN X-N @ 7401'. SWDG WHILE POOH. RIH W/ BROUCH. POOH. RIH W/ COLLAR STOP.  
W/N SET. POOH TO 7340', SET COLLAR STOP. DROP PMPR SPRING. RD. SDFN.

DATE: 7/31/97

FLWG 231 MCFD, 55 BW, FTP 275#, CP 725#, ON A 30/64" CHK, 24 HRS.

DATE: 8/1/97

FLWG 3 MCFD, 67 BW, FTP 460#, CP 675#, ON A 30/64" CHK, 24 HRS.

DATE: 8/2/97

FLWG 72 MCFD, 77 BW, FTP 255#, CP 575#, ON A 30/64" CHK, 24 HRS.

DATE: 8/3/97

FLWG 59 MCFD, 58 BW, FTP 255#, CP 575#, ON A 30/64" CHK, 24 HRS.

DATE: 8/4/97

FLWG 51 MCFD, 56 BW, FTP 260#, CP 525#, ON A 20/64" CHK, 24 HRS.

DATE: 8/5/97

FLWG 80 MCFD, 50 BW, FTP 275#, CP 525#, ON A 25/64" CHK, 24 HRS.

DATE: 8/6/97

FLWG 54 MCFD, 46 BW, FTP 320#, CP 525#, ON A 25/64" CHK, 24 HRS.

DATE: 8/7/97

FLWG 60 MCFD, 71 BW, FTP 255#, CP 425#, ON A 25/64" CHK, 24 HRS.

DATE: 8/8/97

FLWG 94 MCFD, 25 BW, FTP 250#, CP 625#, ON A 35/64" CHK, 24 HRS.

DATE: 8/9/97

FLWG 131 MCFD, 14 BW, FTP 250#, CP 625#, ON A 35/64" CHK, 24 HRS.

DATE: 8/10/97

FLWG 141 MCFD, 15 BW, FTP 525#, CP 725#, ON A 35/64" CHK, 24 HRS.

DATE: 8/11/97

FLWG 140 MCFD, 15 BW, FTP 525#, CP 725#, ON A 35/64" CHK, 24 HRS.

DATE: 8/12/97

FLWG 148 MCFD, 40 BW, FTP 475#, CP 710#, ON A 35/64" CHK, 24 HRS.

DATE: 8/13/97

FLWG 118 MCFD, 66 BW, FTP 525#, CP 775#, ON A 35/64" CHK, 24 HRS.

DATE: 8/14/97

FLWG 143 MCFD, 22 BW, FTP 525#, CP 700#, ON A 35/64" CHK, 24 HRS.

DATE: 8/15/97

FLWG 134 MCFD, 15 BW, FTP 480#, CP 740#, ON A 35/64" CHK, 24 HRS.  
IP DATE - 7/2/97: FLWG 378 MCFD, 105 BW, FTP 400#, CP 900#, ON A 24/64" CHK.  
FINAL REPORT.

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

43-047-32813

FORM APPROVED  
Budget Bureau No. 1004-0135  
Expires: March 31, 1993

**SUNDRY NOTICES AND REPORTS ON WELLS**

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir.

Use "APPLICATION FOR PERMIT" - for such proposals.

SUBMIT IN TRIPPLICATE

1. Type of Well

☐

Oil Well

☒

Gas Well

☐

Other

2. Name of Operator

Coastal Oil & Gas Corporation

3. Address and Telephone No.

P. O. Box 749, Denver, CO 80201-0749

(303) 573-4476

4. Location of Well (Footage, Sec., T., R., M., Or Survey Description)

See attached spreadsheet

5. Lease Designation and Serial No.

See attached spreadsheet

6. If Indian, Allottee or Tribe Name

See attached spreadsheet

7. If Unit or CA, Agreement Designation

Natural Buttes Unit

8. Well Name and No.

See attached spreadsheet

9. API Well No.

See attached spreadsheet

10. Field and Pool, Or Exploratory Area

Natural Buttes

11. County or Parish, State

Uintah County, Utah

12. CHECK APPROPRIATE BOX(S) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

☐

Notice of Intent

☒

Subsequent Report

☐

Final Abandonment Notice

TYPE OF ACTION

☐

Abandonment

☐

Recompletion

☐

Plugging Back

☐

Casing Repair

☐

Altering Casing

☐

Other

☐

Change of Plans

☐

New Construction

☐

Non-Routine Fracturing

☐

Water Shut-Off

☐

Conversion to Injection

☒

Dispose Water

(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markets and zones pertinent to this work.)

The Operator requests approval to empty produced water into tanks on the listed locations. The produced water will then be transported by truck to the underground injection well NBU #159, located at NE/SW Section 35, T9S-R21E, for disposal. Furthermore, the Operator requests approval for the presence of small unlined pits, approximate dimensions of 7' x 7' x 4' deep, to be located immediately adjacent to the stock tanks on the listed locations. The small pits may be necessary to drain off water from the stock tanks at the time of condensate sales. The water will be emptied from the small pit and trucked to the NBU #159 disposal well. The volume of water to be disposed of at each facility will not exceed an average of 5 barrels per day on a monthly basis, in conformance with the requirements of Onshore Order #7.

The listed locations include all wells listed in a Request to Dispose Water sundry dated 10/11/96, as well as all wells drilled to date in the Operator's 1997 drilling program in the Natural Buttes field.

Accepted by the State  
of Utah Division of  
Oil, Gas and Mining

Date: 12-1-97  
By: [Signature] 10/28/97

14. I hereby certify that the foregoing is true and correct

Signed

Bonnie Carson

Title Senior Environmental Analyst

(This space for Federal or State office use)

APPROVED BY

Conditions of approval, if any:

Title

Date

must meet pt. 111 guidelines

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

\*See Instruction on Reverse Side



Well Name & No.	API No.	Lease Designation & Serial Number	If Indian, Allottee or Tribe Name	Footages	Qtr/Qtr	Section	Township	Range	Field	County
CIGE #105D-1-10-22E	43-047-31758	U-011336	N/A	842' FNL & 2095' FWL	NENW	1	10	22	Natural Buttes	Uintah
CIGE #114-34-9-21	43-047-31915	ST U-01194-A	N/A	1931' FSL & 535' FEL	NESE	34	9	21	Natural Buttes	Uintah
CIGE #118-35-9-22	43-047-32025	U-010954-A	N/A	2116' FSL & 615' FEL	NESE	35	9	22	Natural Buttes	Uintah
CIGE #124-9-9-21	43-047-32045	U-01188	Ute Tribe Surface	1854' FSL & 1819' FEL	NWSE	9	9	21	Natural Buttes	Uintah
CIGE #129-18-9-21	43-047-32043	U-0581	Ute Tribe Surface	928' FNL & 1837' FWL	NENW	18	9	21	Natural Buttes	Uintah
CIGE #130-19-9-21	43-047-32030	U-0581	Ute Tribe Surface	772' FNL & 714' FEL	NENE	19	9	21	Natural Buttes	Uintah
CIGE #140-16-10-21	43-047-31977	ST ML-10755	N/A	380' FNL & 591' FEL	NENE	16	10	21	Natural Buttes	Uintah
CIGE #144-2-10-22	43-047-32022	ST ML-22651	N/A	1501' FNL & 1719' FEL	SWNE	2	10	22	Natural Buttes	Uintah
CIGE #149-8-10-21	43-047-32056	U-01791	N/A	833' FNL & 2011' FEL	NWNE	8	10	21	Natural Buttes	Uintah
CIGE #161-2-10-22	43-047-32168	ST ML-22651	N/A	297' FSL & 1033' FEL	SESE	2	10	22	Natural Buttes	Uintah
CIGE #164-34-9-22	43-047-32353	U-0149077	N/A	660' FNL & 1739' FWL	NENW	34	9	22	Natural Buttes	Uintah
CIGE #178-5-10-22	43-047-32330	U-01195	N/A	926' FWL & 685' FNL	NWNW	5	10	22	Natural Buttes	Uintah
CIGE #180-16-9-21	43-047-32478	ST ML-3141	N/A	333' FSL & 2557' FWL	SESW	16	9	21	Natural Buttes	Uintah
CIGE #183-20-9-21	43-047-32656	U-0575	Ute Tribe Surface	1725' FSL & 2386' FEL	SWSE	20	9	21	Natural Buttes	Uintah
CIGE #187-13-10-20	43-047-32607	U-4485	N/A	900' FNL & 2200' FWL	NENW	13	10	20	Natural Buttes	Uintah
CIGE #189-29-9-22	43-047-32812	USA U-462	N/A	1574' FNL & 720' FWL	SWNW	29	9	22	Natural Buttes	Uintah
CIGE #194-1-10-22	43-047-32932	USA U-011336	N/A	2017' FNL & 61' FWL	SWNW	1	10	22	Natural Buttes	Uintah
CIGE #197-7-9-21	43-07-32798	U-0149747	N/A	854' FNL & 2178' FEL	NWNE	7	9	21	Natural Buttes	Uintah
CIGE #198-9-9-21	43-047-32799	U-01188	Ute Tribe Surface	2502' FSL & 772' FEL	NESE	9	9	21	Natural Buttes	Uintah
CIGE #199-14-9-21	43-047-32801	U-01193	Ute Tribe Surface	959' FNL & 1760' FWL	NENW	14	9	21	Natural Buttes	Uintah
CIGE #200-16-9-21	43-047-32802	U-38409	Ute Tribe Surface	1950' FNL & 2500' FWL	SENE	16	9	21	Natural Buttes	Uintah
CIGE #201-18-9-21	43-047-32804	U-0575	Ute Tribe Surface	1814' FNL & 944' FEL	SENE	18	9	21	Natural Buttes	Uintah
CIGE #202-21-9-21	43-047-32805	U-0575	Ute Tribe Surface	785' FSL & 471' FEL	SESE	21	9	21	Natural Buttes	Uintah
CIGE #204-35-9-21	43-047-32794	ML-22582	N/A	2055' FNL & 1604' FEL	SWNE	35	9	21	Natural Buttes	Uintah
CIGE #205-1-10-21	43-047-32795	ML-23612	N/A	2110' FNL & 2607' FEL	SWNE	1	10	21	Natural Buttes	Uintah
CIGE #221-36-9-22	43-047-32868	ML-22650	N/A	550' FSL & 514' FEL	NESW	13	9	21	Natural Buttes	Uintah
CIGE #235-25-9-21	43-047-32858	U-01194-ST	N/A	1900' FSL & 1800' FEL	NWSE	25	9	21	Natural Buttes	Uintah
CIGE #236-34-9-21	43-047-32861	U-01194-A-ST	N/A	428' FSL & 882' FEL	SESE	34	9	21	Natural Buttes	Uintah
CIGE #23-7-10-22	43-047-30333	ST ML-23609	N/A	1573' FNL & 1024' FEL	SENE	7	10	22	Natural Buttes	Uintah
CIGE #25-34-9-22	43-047-30737	U-0149077	N/A	2037' FNL & 1608' FWL	SENE	34	9	22	Natural Buttes	Uintah
CIGE #3-32-9-22	43-047-30320	ST ML-22649	N/A	2270' FNL & 900' FEL	SENE	32	9	22	Natural Buttes	Uintah
CIGE #43-14-10-22	43-047-30491	U-01197-A-ST	N/A	1437' FWL & 1416' FNL	NW	14	10	22	Natural Buttes	Uintah
CIGE #59-21-10-21	43-047-30548	U-02278	N/A	809' FSL & 1081' FWL	SWSW	21	10	21	Natural Buttes	Uintah
CIGE #6-19-9-21 (GR)	43-047-30356	U-0581	N/A	1122' FSL & 1542' FEL	SWSE	19	9	21	Natural Buttes	Uintah
CIGE #63D-29-9-22P	43-047-30949	U-462	N/A	521' FNL & 977' FWL	NWNW	29	9	22	Natural Buttes	Uintah
CIGE #9-36-9-22	43-047-30419	ST ML-22650	N/A	2090' FSL & 1852' FEL	NWSE	36	9	22	Natural Buttes	Uintah
CIGE #97D-31-9-22	43-047-31729	U-01530-A-ST	N/A	548' FSL & 907' FEL	SESE	31	9	22	Natural Buttes	Uintah
Morgan State #10-36	43-047-32816	ML-22265	N/A	1794' FNL & 649' FEL	SENE	36	9	21	Natural Buttes	Uintah
Morgan State #11-36	43-047-32813	ML-22265	N/A	1943' FSL & 1843' FEL	NESW	36	9	21	Natural Buttes	Uintah
Morgan State #12-36	43-047-32814	ML-22265	N/A	1992' FSL & 722' FEL	NESE	36	9	21	Natural Buttes	Uintah
Morgan State #13-36	43-047-32817	ML-22265	N/A	540' FSL & 815' FEL	SESE	36	9	21	Natural Buttes	Uintah
Morgan State #2-36	43-047-32585	ST ML-22265	N/A	900' FNL & 804' FWL	NWNW	36	9	21	Natural Buttes	Uintah
Morgan State #4-36	43-047-32729	ST ML-22265	N/A	1912' FSL & 649' FWL	NWSW	36	9	21	Natural Buttes	Uintah
Morgan State #5-36	43-047-32735	ST ML-22265	N/A	2100' FSL & 1800' FEL	NWSE	36	9	21	Natural Buttes	Uintah
Morgan State #8-36	43-047-32812	ML-22265	N/A	650' FNL & 690' FEL	NENE	36	9	21	Natural Buttes	Uintah
Morgan State #9-36	43-047-32815	ML-22265	N/A	1894' FNL & 1978' FEL	SWNE	36	9	21	Natural Buttes	Uintah
NBU #105	43-047-32302	U-0575	N/A	1026' FSL & 1011' FWL	SWSW	17	9	21	Natural Buttes	Uintah
NBU #113	43-047-31931	U-0149077	N/A	580' FSL & 854' FEL	SESE	34	9	22	Natural Buttes	Uintah
NBU #118	43-047-31969	U-5077-B	Ute Tribe Surface	1700' FNL & 660' FEL	SENE	22	9	20	Natural Buttes	Uintah
NBU #12	43-047-30119	U-461	N/A	1563' FSL & 2328' FEL	NWSE	18	9	22	Natural Buttes	Uintah

NBU #121	43-047-32086	UTU-01193	Ute Tribe Surface	819' FNL & 2163' FEL	NWNE	13	9	21	Natural Buttes	Uintah
NBU #123	43-047-31974	U-01188	N/A	827' FNL & 916' FWL	NWNW	15	9	21	Natural Buttes	Uintah
NBU #131	43-047-31966	U-0149075	Ute Tribe Surface	1699' FSL & 800' FWL	NWSW	23	9	21	Natural Buttes	Uintah
NBU #134	43-047-32011	U-0576	N/A	138' FSL & 836' FWL	SWSW	28	9	21	Natural Buttes	Uintah
NBU #140	43-047-31947	U-01191-A	N/A	1031' FNL & 1879' FEL	NWNE	5	10	22	Natural Buttes	Uintah
NBU #148	43-047-31983	U-01191	N/A	279' FSL & 2127' FWL	SESW	4	10	22	Natural Buttes	Uintah
NBU #150	43-047-31992	U-01196-B	N/A	2042' FNL & 2002' FWL	SENE	9	10	22	Natural Buttes	Uintah
NBU #152	43-047-31990	U-01196-D	N/A	815' FSL & 754' FEL	SESE	9	10	22	Natural Buttes	Uintah
NBU #153	43-047-31975	ST U-01197-A	N/A	2500' FNL & 974' FWL	SWNW	11	10	22	Natural Buttes	Uintah
NBU #18	43-047-30221	U-025187	N/A	2401' FWL & 2337' FSL	SWNE	10	10	22	Natural Buttes	Uintah
NBU #180	43-047-32113	U-025187	N/A	843' FSL & 2075' FEL	SWSE	10	10	22	Natural Buttes	Uintah
NBU #182	43-047-32162	U-0141315	N/A	1809' FNL & 1519' FWL	SENE	11	9	21	Natural Buttes	Uintah
NBU #185	43-047-32171	U-01191-A	N/A	2132' FNL & 2126' FEL	SWNE	3	10	22	Natural Buttes	Uintah
NBU #187	43-047-32230	U-0149077	N/A	1057' FSL & 2321' FWL	SESW	34	9	22	Natural Buttes	Uintah
NBU #188	43-047-32234	U-01196-C	N/A	699' FWL & 1248' FSL	SWSW	10	10	22	Natural Buttes	Uintah
NBU #189	43-047-32236	U-0149075	Ute Tribe Surface	1551' FWL & 1064' FSL	SESW	23	9	21	Natural Buttes	Uintah
NBU #198	43-047-32357	U-010950-A	N/A	2041' FEL & 2107' FSL	NWSE	22	9	21	Natural Buttes	Uintah
NBU #201	43-047-32364	U-0149767	Ute Tribe Surface	2310' FNL & 500' FWL	SWNW	9	9	21	Natural Buttes	Uintah
NBU #206	43-047-32341	U-01196-C	N/A	2209' FNL & 303' FWL	SWNW	10	10	22	Natural Buttes	Uintah
NBU #207	43-047-32329	ST U-01197	N/A	912' FNL & 1685' FWL	NENW	10	10	22	Natural Buttes	Uintah
NBU #208	43-047-32343	U-01191	N/A	790' FSL & 569' FEL	SESE	4	10	22	Natural Buttes	Uintah
NBU #210	43-047-32340	U-01196-C	N/A	1956' FSL & 2060' FWL	NESW	10	10	22	Natural Buttes	Uintah
NBU #216	43-047-32487	U-010950-A	Ute Tribe Surface	1875' FSL & 1665' FWL	NESW	15	9	21	Natural Buttes	Uintah
NBU #223	43-047-32517	U-01194-ST	N/A	514' FNL & 2174' FWL	NENW	26	9	21	Natural Buttes	Uintah
NBU #228	43-047-32636	U-0575	Ute Tribe Surface	660' FSL & 1843' FEL	SWSE	17	9	21	Natural Buttes	Uintah
NBU #229	43-47-32594	U-01191-A	N/A	1019' FNL & 1712' FEL	NWNE	3	10	22	Natural Buttes	Uintah
NBU #230A	43-047-32908	U-01191-A	N/A	1849' FNL & 677' FEL	SENE	3	10	22	Natural Buttes	Uintah
NBU #231	43-047-32561	U-01191-A-ST	N/A	966' FNL & 1539' FEL	NWNE	10	10	22	Natural Buttes	Uintah
NBU #252	43-047-32800	U-0141315	Ute Tribal Surface	641' FNL & 1845' FWL	NENW	10	9	21	Natural Buttes	Uintah
NBU #254	43-047-32803	U-0575	Ute Tribal Surface	1840' FNL & 2014' FWL	NESW	17	9	21	Natural Buttes	Uintah
NBU #255	43-047-32806	U-0575	Ute Tribal Surface	642' FSL & 1235' FWL	SESW	21	9	21	Natural Buttes	Uintah
NBU #256	43-047-32807	U-0147566	Ute Tribal Surface	2213' FNL & 2312' FWL	SENE	22	9	21	Natural Buttes	Uintah
NBU #257	43-047-32790	ST U-01194	N/A	1756' FNL & 2150' FWL	SENE	25	9	21	Natural Buttes	Uintah
NBU #258	43-047-32791	ST U-01194	N/A	1880' FNL & 211' FEL	SENE	26	9	21	Natural Buttes	Uintah
NBU #259	43-047-32792	ST U-01194	N/A	2300' FNL & 1850' FEL	SWNE	26	9	21	Natural Buttes	Uintah
NBU #263	43-047-32793	ST U-01194-A	N/A	1641' FNL & 1832' FWL	SENE	34	9	21	Natural Buttes	Uintah
NBU #265	43-047-32796	ML-13826	N/A	1953' FSL & 632' FEL	NESE	2	10	21	Natural Buttes	Uintah
NBU #270	43-047-32862	ML-23608	N/A	1963' FNL & 801' FWL	SWNW	13	10	21	Natural Buttes	Uintah
NBU #280	43-047-32865	ML-32935-A	N/A	2596' FSL & 1459' FWL	NESW	31	9	22	Natural Buttes	Uintah
NBU #289	43-047-32910	U-01191	N/A	463' FSL & 2023' FWL	SESW	3	10	22	Natural Buttes	Uintah
NBU #291	43-047-32911	U-1196-D	N/A	457' FNL & 570' FEL	NENE	9	10	22	Natural Buttes	Uintah
NBU #38N2	43-047-30536	U-08512-ST	N/A	1752' FWL & 1768' FSL	CSW	13	10	22	Natural Buttes	Uintah
NBU #80V	43-047-31240	U-0149077	N/A	2042' FSL & 984' FWL	NWSW	34	9	22	Natural Buttes	Uintah
NBU #86J	43-047-31251	U-01191-A	N/A	492' FNL & 722' FEL	NENE	3	10	22	Natural Buttes	Uintah

FORM 6

STATE OF UTAH  
DIVISION OF OIL, GAS AND MINING**COPY****SUNDRY NOTICES AND REPORTS ON WELLS**Do not use this form for proposals to drill new wells, deepen existing wells, or to reenter plugged and abandoned wells.  
Use APPLICATION FOR PERMIT TO DRILL OR DEEPEN form for such proposals.

1. Type of Well: OIL <input type="checkbox"/> GAS <input checked="" type="checkbox"/> OTHER:	5. Lessee Designation and Serial Number: See attached spreadsheet
2. Name of Operator: Coastal Oil & Gas Corporation	6. If Indian, Allocated or Tribe Name: N/A
3. Address and Telephone Number: P.O. Box 749, Denver, CO 80201-0749 (303) 573-4476	7. Unit Agreement Name: N/A
4. Location of Well Footage: See attached spreadsheet QQ, Sec., T., R., M.:	8. Well Name and Number: See attached spreadsheet 9. API Well Number: 43-147-32813 See attached spreadsheet
	10. Field and Pool, or Wildcat: Natural Buttes
	County: Uintah State: Utah

## 11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

NOTICE OF INTENT  
(Submit in Duplicate)

- |  |   |
|--|---|
| <input type="checkbox"/> Abandon                         | <input type="checkbox"/> New Construction     |
| <input type="checkbox"/> Repair Casing                   | <input type="checkbox"/> Pull or Alter Casing |
| <input type="checkbox"/> Change of Plans                 | <input type="checkbox"/> Recompletion         |
| <input type="checkbox"/> Convert to Injection            | <input type="checkbox"/> Perforate            |
| <input type="checkbox"/> Fracture Treat or Acidize       | <input type="checkbox"/> Vent or Flare        |
| <input type="checkbox"/> Multiple Completion             | <input type="checkbox"/> Water Shut-Off       |
| <input checked="" type="checkbox"/> Other Disposal water |   |

Approximate date work will start: Upon approval

SUBSEQUENT REPORT  
(Submit Original Form Only)

- |  |   |
|--|---|
| <input type="checkbox"/> Abandon                   | <input type="checkbox"/> New Construction     |
| <input type="checkbox"/> Repair Casing             | <input type="checkbox"/> Pull or Alter Casing |
| <input type="checkbox"/> Change of Plans           | <input type="checkbox"/> Perforate            |
| <input type="checkbox"/> Convert to Injection      | <input type="checkbox"/> Vent or Flare        |
| <input type="checkbox"/> Fracture Treat or Acidize | <input type="checkbox"/> Water Shut-Off       |
| <input type="checkbox"/> Other                     |   |

Date of work completion

Report results of bMultiple Completions and bRecompletions to different reservoirs on WELL COMPLETION OR RECOMPLETION REPORT AND LOG form.

\* Must be accompanied by a cement verification report.

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

The Operator requests permission to dispose of produced water from the subject wells to the NBU #159 salt water disposal well. The water will be produced into tanks and transported by truck to the NBU #159. The subject wells are not part of the Natural Buttes Unit; however, the NBU #159 is a Unit well, located NW/SW Section 35, T9S-R21E.

Attached is an analysis of the injection zone water of the NBU #159, as well as a composite analysis of the water produced from three of the Section 36 wells.

13. Name & Signature: Bonnie Carson Title: Senior Environmental Analyst Date: 12/01/97  
(This space for State use only)

Accepted by the State  
of Utah Division of  
Oil, Gas and Mining

Date: 12-2-97By: [Signature]

Well Name	Location	Lease #	API #
Morgan State #1-36	2215' FNL & 1876' FWL Sec. 36 T9S-R21E	ML-22265	43-047-30600
Morgan State #2-36	900' FNL & 804' FWL Sec. 36 T9S-R21E	ML-22265	43-047-32585
Morgan State #3-36	521' FNL & 1940' FEL Sec. 36 T9S-R21E	ML-22265	43-047-32589
Morgan State #4-36	1912' FNL & 649' FWL Sec. 36 T9S-R21E	ML-22265	43-047-32729
Morgan State #5-36	2100' FSL & 1800' FEL Sec. 36 T9S-R21E	ML-22265	43-047-32735
Morgan State #6-36	1790' FNL & 712' FWL Sec. 36 T9S-R21E	ML-22265	43-047-32810
Morgan State #7-36	660' FNL & 1980' FWL Sec. 36 T9S-R21E	ML-22265	43-047-32811
Morgan State #8-36	650' FNL & 690' FEL Sec. 36 T9S-R21E	ML-22265	43-047-32812
Morgan State #9-36	1894' FNL & 1978' FEL Sec. 36 T9S-R21E	ML-22265	43-047-32815
Morgan State #10-36	1794' FNL & 649' FEL Sec. 36 T9S-R21E	ML-22265	43-047-32816
Morgan State #11-36	1943' FSL & 1843' FEL Sec. 36 T9S-R21E	ML-22265	43-047-32813
Morgan State #12-36	1992' FSL & 722' FEL Sec. 36 T9S-R21E	ML-22265	43-047-32814
Morgan State #13-36	540' FSL & 815' FEL Sec. 36 T9S-R21E	ML-22265	43-047-32817

EVERGREEN ANALYTICAL, INC.  
4036 Youngfield St. Wheat Ridge, CO 80033  
(303)425-6021

NBU #189

SWB

Miscellaneous Analyses

Date Sampled : 6/12/93  
Date Received : 6/23/93  
Client Sample ID.: NBU UINTAH  
Lab Sample No. : X72532

Client Project ID. : NBU UIC  
Lab Project No. : INJECTION PROJ  
Matrix : 93-2120  
: Liquid phase

<u>Analysis</u>	<u>Result</u>	<u>Date Prepared</u>	<u>Date Analyzed</u>	<u>Method</u>
pH	7.84	6/23/93	6/23/93	EPA 150.1
Total Dissolved Solids (mg/L)	65200 (6.5%)	6/28/93	6/28/93	EPA 160.1
Specific Gravity @ 60°F	1.0451	6/29/93	6/29/93	ASTM D1217

  
\_\_\_\_\_  
Analyst  
\_\_\_\_\_  
Approved

212001.18

## EXHIBIT "G2"

NBU #159

SWD

EVERGREEN ANALYTICAL, INC.  
4036 Youngfield St. Wheat Ridge, CO 80033  
(303) 425-6021

## INORGANIC ANALYSIS DATA SHEET

Date Sampled : 6/12/93  
Date Received : 6/23/93  
Date Prepared : 6/24/93  
Date Analyzed : 6/29/93

Client Project : INJECTION PROJ.  
Lab Project No. : 93-2120  
Method : 600/4-79-020  
Matrix : Water

Units: mg/L

Basis: Dissolved Metals

Client  
Sample#

NBU UINTAH

Evergreen  
Sample#

X72532

Detection  
Limits

Ca 26  
K 95  
Mg 12  
Na 23000

0.1  
1.5  
0.02  
0.3

DC  
Analyst

WKF  
Approved

EVERGREEN ANALYTICAL, INC.  
4036 Youngfield Street Wheat Ridge, CO 80033  
(303) 425-6021

NBU #759  
SWD

Anions

Date Sampled : 6/12/93  
Date Received : 6/23/93  
Date Prepared : 6/23/93  
Date Analyzed : 6/23/93

Client Project ID : NBU VIC INJECTION PROJ  
Lab Project No. : 93-2120  
Method : EPA Method 300.0

Client Sample ID  
Evergreen Sample #  
Matrix  
Chloride (mg/L)  
Nitrite-N (mg/L)\*  
Sulfate (mg/L)

NBU					
UNTAN					
X72532					
Liquid					
Waste					
42800(4.33)					
<38.0					
3.13					

PAGE 20

To: Joe Stowell	From: Carol Smith
at: Control	on: 7/2/93
Dept.:	Phone:
Fax: 573-4477	Fax:

FROM: CORSTAL OIL & GAS

303 573 4418

1997

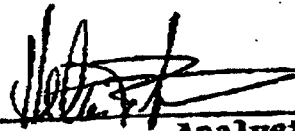
-02


09:29

#077 P.05/07

EXHIBIT "G3"

\* Sample received after holding time expired. Detection limit raised due to matrix interference.

  
Analyst

  
Approved

2120ml.24

DEC 1 '97 10:15 FR BJ SERVICES-VERNAL 891 789 4530 TO 7894436

P.01

FW01W273

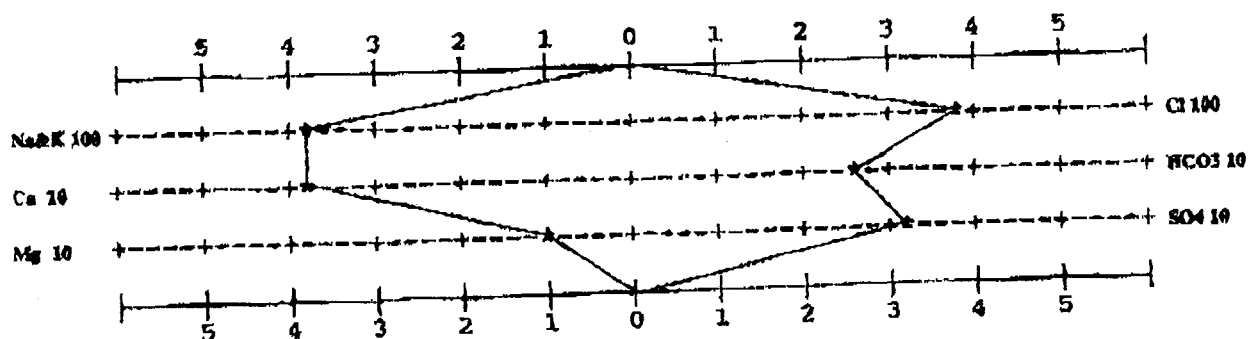
**BJ SERVICES COMPANY**  
**WATER ANALYSIS #FW01W273**  
**VERNAL LAB**

*Morgan State*  
 3-36, 5-36, 13-36

GENERAL INFORMATION	
OPERATOR:	COASTAL
WELL:	MORGAN STATES-36, 13-36, 3-36
FIELD:	NATURAL BUTTE
SUBMITTED BY:	
WORKED BY	: TROY HINEMAN
PHONE NUMBER:	789-4436
DEPTH:	
DATE SAMPLED:	11/19/97
DATE RECEIVED:	11/20/97
COUNTY:	UINTAH
FORMATION:	WASATCH
STATE:	UT

SAMPLE DESCRIPTION	
FILTERED WITH A DARK TINT.	
PHYSICAL AND CHEMICAL DETERMINATIONS	
SPECIFIC GRAVITY:	1.030 @ 68°F PH: 7.00
RESISTIVITY (CALCULATED):	0.155 ohms @ 75°F
IRON (FE++) :	50 ppm
CALCIUM:	777 ppm
MAGNESIUM:	118 ppm
CHLORIDE:	13,201 ppm
SODIUM+POTASS:	11,839 ppm
IODINE:	
SULFATE:	1,553 ppm
TOTAL HARDNESS	2,429 ppm
BICARBONATE:	1,540 ppm
SODIUM CHLORIDE (Calc)	21,715 ppm
TOT. DISSOLVED SOLIDS:	30,562 ppm
POTASSIUM CHLORIDE:	
REMARKS	
CARBOHYDRATES .204	

STIFF TYPE PLOT (IN MEQ/L)



ANALYST

TROY HINEMAN



STATE OF UTAH  
DIVISION OF OIL, GAS AND MINING

**SUNDRY NOTICES AND REPORTS ON WELLS**

Do not use this form for proposals to drill new wells, deepen existing wells, or to reenter plugged and abandoned wells.  
Use APPLICATION FOR PERMIT TO DRILL OR DEEPEN form for such purposes

1. Type of Well: OIL ☐ GAS ☒ OTHER:

2. Name of Operator

Coastal Oil & Gas Corporation

3. Address and Telephone Number.

P.O. Box 749, Denver, CO 80201-0749

(303) 573-4455

4. Location of Well

Footages: 1943' FSL, 1843' FEL

QQ, Sec., T., R., M.: NESW, Section 36-T9S-R21E

5. Lease Designation and Serial Number

ML-22265

6. Indian, Allottee or Tribe Name:

N/A

7. Unit Agreement Name:

N/A

8. Well Name and Number:

Morgan State #11-36

9. API Well Number:

43-047-32813

10. Field and Pool, or Wildcat

Natural Buttes Field

County: Uintah

State: Utah

11. **CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA**

**NOTICE OF INTENT**  
(Submit in Duplicate)

- |  |   |
|--|---|
| <input type="checkbox"/> Abandon                   | <input type="checkbox"/> New Construction     |
| <input type="checkbox"/> Repair Casing             | <input type="checkbox"/> Pull or Alter Casing |
| <input type="checkbox"/> Change of Plans           | <input type="checkbox"/> Recomplete           |
| <input type="checkbox"/> Convert to Injection      | <input type="checkbox"/> Perforate            |
| <input type="checkbox"/> Fracture Treat or Acidize | <input type="checkbox"/> Vent or Flare        |
| <input type="checkbox"/> Multiple Completion       | <input type="checkbox"/> Water Shut-Off       |
| <input type="checkbox"/> Other _____               |   |

Approximate date work will start \_\_\_\_\_

**SUBSEQUENT REPORT**  
(Submit Original Form Only)

- |  |   |
|--|---|
| <input type="checkbox"/> Abandon*                  | <input type="checkbox"/> New Construction     |
| <input type="checkbox"/> Repair Casing             | <input type="checkbox"/> Pull or Alter Casing |
| <input type="checkbox"/> Change of Plans           | <input type="checkbox"/> Perforate            |
| <input type="checkbox"/> Convert to Injection      | <input type="checkbox"/> Vent or Flare        |
| <input type="checkbox"/> Fracture Treat or Acidize | <input type="checkbox"/> Water Shut-Off       |
| <input checked="" type="checkbox"/> Other _____    | Site Security Plan                            |

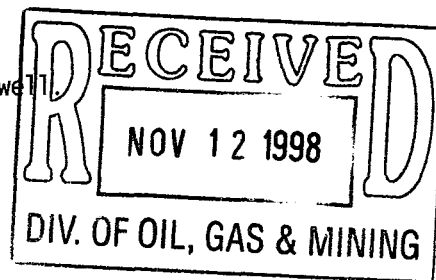
Date of work completion \_\_\_\_\_

Report results of **Multiple Completions** and **Recompletions** to different reservoirs on WELL COMPLETION OR RECOMPLETION REPORT AND LOG form.

\* Must be accompanied by a cement verification report.

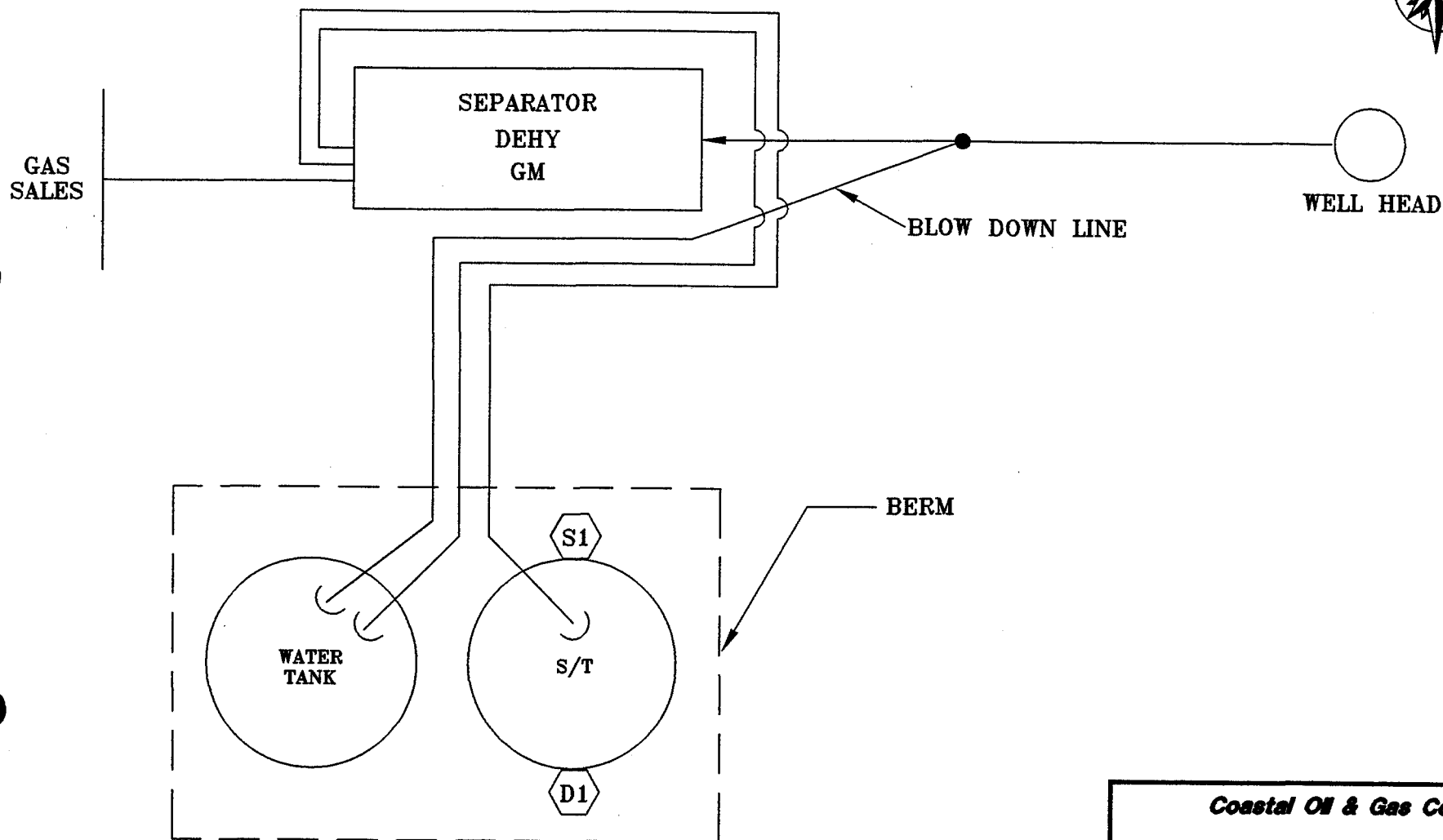
12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

Please see the attached updated site security diagram for the subject well.



13. Name & Signature Sheila Bremer Title Environmental & Safety Analyst Date 11/9/98

(This space for State use only)



This lease is subject to the site  
security plan for the Natural  
Buttes Field for Coastal Oil & Gas.  
The plan is located at:  
Coastal Oil & Gas Corp.  
Vernal District Office  
1368 South 1200 East  
Vernal, UT 84078

**Coastal Oil & Gas Corporation**

**MORGAN STATE #11-36  
NE SW SEC. 36 T9S-R21E  
ML-22265**

POSITION OF VALVES AND USE OF SEALS DURING PRODUCTION

VALVE	LINE PURPOSE	POSITION	SEAL INSTALLED
D1	Drain	Closed	Yes
S1	Sales	Closed	Yes

POSITION OF VALVES AND USE OF SEALS DURING SALES

VALVE	LINE PURPOSE	POSITION	SEAL INSTALLED
D1	Drain	Closed	Yes
S1	Sales	Open	No

STATE OF UTAH  
DIVISION OF OIL, GAS AND MINING

**SUNDRY NOTICES AND REPORTS ON WELLS**

Do not use this form for proposals to drill new wells, deepen existing wells, or to reenter plugged and abandoned wells.  
Use APPLICATION FOR PERMIT TO DRILL OR DEEPEN form for such purposes

5. Lease Designation and Serial Number

ML-22265

6. Indian, Allottee or Tribe Name:

N/A

7. Unit Agreement Name:

N/A

8. Well Name and Number:

Morgan State #11-36

9. API Well Number:

43-047-32813

10. Field and Pool, or Wildcat

Natural Buttes Field

1. Type of Well: OIL ☐ GAS ☒ OTHER:

2. Name of Operator

Coastal Oil & Gas Corporation

3. Address and Telephone Number.

P.O. Box 749, Denver, CO 80201-0749

(303) 573-4455

4. Location of Well

Footages: 1943' FSL, 1843' FEL

County: Uintah

QQ, Sec., T., R., M.:

NESW, Section 36-T9S-R21E

State: Utah

11. **CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA**

**NOTICE OF INTENT**  
(Submit in Duplicate)

- |  |   |
|--|---|
| <input type="checkbox"/> Abandon                   | <input type="checkbox"/> New Construction     |
| <input type="checkbox"/> Repair Casing             | <input type="checkbox"/> Pull or Alter Casing |
| <input type="checkbox"/> Change of Plans           | <input type="checkbox"/> Recomplete           |
| <input type="checkbox"/> Convert to Injection      | <input type="checkbox"/> Perforate            |
| <input type="checkbox"/> Fracture Treat or Acidize | <input type="checkbox"/> Vent or Flare        |
| <input type="checkbox"/> Multiple Completion       | <input type="checkbox"/> Water Shut-Off       |
| <input type="checkbox"/> Other _____               |   |

Approximate date work will start \_\_\_\_\_

**SUBSEQUENT REPORT**  
(Submit Original Form Only)

- |  |   |
|--|---|
| <input type="checkbox"/> Abandon*                  | <input type="checkbox"/> New Construction     |
| <input type="checkbox"/> Repair Casing             | <input type="checkbox"/> Pull or Alter Casing |
| <input type="checkbox"/> Change of Plans           | <input type="checkbox"/> Perforate            |
| <input type="checkbox"/> Convert to Injection      | <input type="checkbox"/> Vent or Flare        |
| <input type="checkbox"/> Fracture Treat or Acidize | <input type="checkbox"/> Water Shut-Off       |
| <input checked="" type="checkbox"/> Other _____    | Cement csg annulus                            |

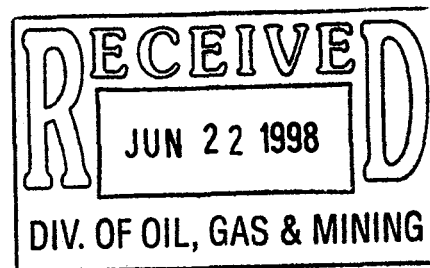
Date of work completion 6/18/98

Report results of **Multiple Completions** and **Recompletions** to different reservoirs on WELL COMPLETION OR RECOMPLETION REPORT AND LOG form.

\* Must be accompanied by a cement verification report.

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

Please see the attached chronological well history for work performed on the subject well.



13.

Name & Signature

*Sheila Bremer*

Title

Sheila Bremer

Environmental & Safety Analyst

Date 6/18/98

(This space for State use only)

**Cement 8 5/8 - 4 1/2 Csg Annulus**

5/14/98

**Well on production.** RU Dowell to 8-5/8" - 4-1/2" csg annulus f/top dn job. Pmp 20 bbl LCM pill. Lead w/65 sx class "G w/add wt 11.5 yd 3.18. Tail w/104 sx class "G" w/add 11.5 yd 3.16. Flush w/1/2 bbl wtr. ISIP 236 psi, MP 300 psi at 1.2 BPM. AP 100 psi at 2 BPM. Wash up and RD Dowell. Open csg valve w/press. **Final report.**  
DC: \$6,608 CC: \$6,608

STATE OF UTAH  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS AND MINING

FORM 9

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

1. TYPE OF WELL OIL WELL ☐ GAS WELL ☐ OTHER \_\_\_\_\_

2. NAME OF OPERATOR:

El Paso Production Oil & Gas Company

3. ADDRESS OF OPERATOR:

68 South 1200 East CITY Vernal STATE Utah ZIP 84078

PHONE NUMBER:

435-789-4433

4. LOCATION OF WELL

FOOTAGES AT SURFACE:

QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:

5. LEASE DESIGNATION AND SERIAL NUMBER:

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

7. UNIT or CA AGREEMENT NAME:

8. WELL NAME and NUMBER:

Exhibit "A"

9. API NUMBER:

10. FIELD AND POOL, OR WILDCAT:

COUNTY:

STATE:

UTAH

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

TYPE OF ACTION

☐ NOTICE OF INTENT  
(Submit in Duplicate)

Approximate date work will start:

☐ SUBSEQUENT REPORT  
(Submit Original Form Only)

Date of work completion:

☐ ACIDIZE

☐ ALTER CASING

☐ CASING REPAIR

☐ CHANGE TO PREVIOUS PLANS

☐ CHANGE TUBING

☐ CHANGE WELL NAME

☐ CHANGE WELL STATUS

☐ COMMINGLE PRODUCING FORMATIONS

☐ CONVERT WELL TYPE

☐ DEEPEN

☐ FRACTURE TREAT

☐ NEW CONSTRUCTION

☐ OPERATOR CHANGE

☐ PLUG AND ABANDON

☐ PLUG BACK

☐ PRODUCTION (START/RESUME)

☐ RECLAMATION OF WELL SITE

☐ RECOMPLETE - DIFFERENT FORMATION

☐ REPERFORATE CURRENT FORMATION

☐ SIDETRACK TO REPAIR WELL

☐ TEMPORARILY ABANDON

☐ TUBING REPAIR

☐ VENT OR FLARE

☐ WATER DISPOSAL

☐ WATER SHUT-OFF

☒ OTHER: Name Change

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

As a result of the merger between The Coastal Corporation and a wholly owned subsidiary of El Paso Energy Corporation, the name of Coastal Oil & Gas Corporation has been changed to El Paso Production Oil & Gas Company effective March 9, 2001.

See Exhibit "A"

Bond # 400JU0708

Coastal Oil & Gas Corporation

NAME (PLEASE PRINT)

John T. Elzner

TITLE Vice President

SIGNATURE

DATE 06-15-01

El Paso Production Oil & Gas Company

NAME (PLEASE PRINT)

John T. Elzner

TITLE Vice President

SIGNATURE

DATE 06-15-01

(This space for State use only)

RECEIVED

JUN 19 2001

DIVISION OF  
OIL, GAS AND MINING

State of Delaware  
Office of the Secretary of State

---

PAGE 1

I, HARRIET SMITH WINDSOR, SECRETARY OF STATE OF THE STATE OF DELAWARE, DO HEREBY CERTIFY THE ATTACHED IS A TRUE AND CORRECT COPY OF THE CERTIFICATE OF AMENDMENT OF "COASTAL OIL & GAS CORPORATION", CHANGING ITS NAME FROM "COASTAL OIL & GAS CORPORATION" TO "EL PASO PRODUCTION OIL & GAS COMPANY", FILED IN THIS OFFICE ON THE NINTH DAY OF MARCH, A.D. 2001, AT 11 O'CLOCK A.M.

RECEIVED

JUN 14 2001

DIVISION OF  
OIL, GAS AND MINING



*Harriet Smith Windsor*  
Harriet Smith Windsor, Secretary of State

0610204 8100

AUTHENTICATION: 1061007

010162788

DATE: 04-03-01

## CERTIFICATE OF AMENDMENT

OF

## CERTIFICATE OF INCORPORATION

COASTAL OIL & GAS CORPORATION (the "Company"), a corporation organized and existing under and by virtue of the General Corporation Law of the State of Delaware, DOES HEREBY CERTIFY:

FIRST: That the Board of Directors of the Company, by the unanimous written consent of its members, filed with the minutes of the Board, adopted a resolution proposing and declaring advisable the following amendment to the Certificate of Incorporation of the Company:

RESOLVED that it is deemed advisable that the Certificate of Incorporation of this Company be amended, and that said Certificate of Incorporation be so amended, by changing the Article thereof numbered "FIRST." so that, as amended, said Article shall be and read as follows:

"FIRST. The name of the corporation is El Paso Production Oil & Gas Company."

SECOND: That in lieu of a meeting and vote of stockholders, the stockholders entitled to vote have given unanimous written consent to said amendment in accordance with the provisions of Section 228 of the General Corporation Law of the State of Delaware.

THIRD: That the aforesaid amendment was duly adopted in accordance with the applicable provisions of Sections 242 and 228 of the General Corporation Law of the State of Delaware.

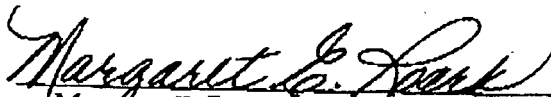
IN WITNESS WHEREOF, said COASTAL OIL & GAS CORPORATION has caused this certificate to be signed on its behalf by a Vice President and attested by an Assistant Secretary, this 9th day of March 2001.

COASTAL OIL &amp; GAS CORPORATION



David L. Siddall  
Vice President

Attest:

  
Margaret E. Roark, Assistant Secretary

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STATE OF DELAWARE  
SECRETARY OF STATE  
DIVISION OF CORPORATIONS  
FILED 11:00 AM 03/09/2001  
010118394 - 0610204

JUN 19 2001

DIVISION OF  
OIL, GAS AND MINING





# United States Department of the Interior

## BUREAU OF LAND MANAGEMENT

Utah State Office  
P.O. Box 45155  
Salt Lake City, UT 84145-0155

**RECEIVED**

JUL 12 2001

**DIVISION OF  
OIL, GAS AND MINING**

In Reply Refer To:

3106

UTSL-065841

(UT-924)

JUL 10 2001

### NOTICE

El Paso Production Oil & Gas Company : Oil and Gas  
Nine Greenway Plaza :  
Houston TX 77046-0095 :

#### Name Change Recognized

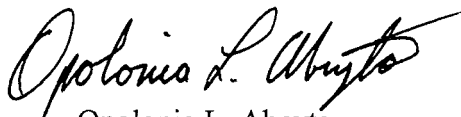
Acceptable evidence has been received in this office concerning the name change of Coastal Oil & Gas Corporation into El Paso Production Oil & Gas Company with El Paso Production Oil & Gas Company being the surviving entity.

For our purposes, the name change is recognized effective March 9, 2001.

The oil and gas lease files identified on the enclosed exhibit have been noted as to the name change. The exhibit was compiled from a list of leases obtained from our computer program. We have not abstracted the lease files to determine if the entities affected by this name change hold an interest in the leases identified nor have we attempted to identify leases where the entities are the operator on the ground maintaining no vested recorded title or operating rights interests. We will be notifying the Minerals Management Service and all applicable Bureau of Land Management offices of the change by a copy of this notice. If additional documentation for changes of operator are required by our Field Offices, you will be contacted by them.

If you identify additional leases in which the entities maintain an interest, please contact this office and we will appropriately document those files with a copy of this Notice.

Due to the name change, the name of the principal/obligor on the bond is required to be changed from Coastal Oil & Gas Corporation to El Paso Production Oil & Gas Company. You may accomplish this either by consent of surety rider on the original bond or a rider to the original bond. The bonds are held in Wyoming and Colorado.



Opolonia L. Abeyta  
Acting Chief, Branch of  
Minerals Adjudication

Enclosure

1. Exhibit of Leases (1 pp)

cc: Moab Field Office  
Vernal Field Office  
MMS, Reference Data Branch, MS3130, PO Box 5860, Denver CO 80217  
State of Utah, DOGM, Attn: Jim Thompson (Ste. 1210), Box 145801, SLC UT 84114  
Teresa Thompson (UT-922)  
Joe Incardine (UT-921)

### Exhibit of Leases

UTUSL-065841A	UTU-47172	UTU-74415	UTU-53860
UTU-28652	UTU-50687	UTU-74416	UTU-66401
UTU-37943	UTU-52298	UTU-75091	UTU-67868
UTU-44089	UTU-0109054	UTU-75096	UTU-65389
UTU-44090A	UTU-0143511	UTU-75097	UTU-77084
UTU-61263	UTU-0143512	UTU-75673	UTU-61430
UTU-00343	UTU-38401	UTU-76259	UTU-72633
UTU-02651	UTU-38411	UTU-76260	UTU-72650
UTU-02651B	UTU-38418	UTU-76261	UTU-49692
UTU-0142175	UTU-38419	UTU-76493	UTU-57894
UTU-70235	UTU-38420	UTU-76495	UTU-76829
UTU-70406	UTU-38421	UTU-76503	UTU-76830
UTU-74954	UTU-38423	UTU-78228	UTU-76831
UTU-75132	UTU-38424	UTU-78714	
UTU-75699	UTU-38425	UTU-78727	
UTU-76242	UTU-38426	UTU-78734	
UTU-78032	UTU-38427	UTU-79012	
UTU-4377	UTU-38428	UTU-79011	
UTU-4378	UTU-53861	UTU-71694	
UTU-7386	UTU-58097	UTU-00576	
UTU-8344A	UTU-64376	UTU-00647	
UTU-8345	UTU-65222	UTU-01470D	
UTU-8347	UTU-65223	UTU-0136484	
UTU-8621	UTU-66746	UTU-8344	
UTU-14646	UTU-67178	UTU-8346	
UTU-15855	UTU-67549	UTU-8648	
UTU-25880	UTU-72028	UTU-28212	
UTU-28213	UTU-72632	UTU-30289	
UTU-29535	UTU-73009	UTU-31260	
UTU-29797	UTU-73010	UTU-33433	
UTU-31736	UTU-73013	UTU-34711	
UTU-34350	UTU-73175	UTU-46699	
UTU-34705	UTU-73434	UTU-78852	
UTU-37116	UTU-73435	UTU-78853	
UTU-37355	UTU-73444	UTU-78854	
UTU-37573	UTU-73450	UTU-075939	
UTU-38261	UTU-73900	UTU-0149767	
UTU-39223	UTU-74409	UTU-2078	
UTU-40729	UTU-74410	UTU-44426	
UTU-40736	UTU-74413	UTU-49530	
UTU-42469	UTU-74414	UTU-51026	



5. If **NO**, the operator was contacted contacted on: N/A
6. **Federal and Indian Lease Wells:** The BLM and or the BIA has approved the (merger, name change, or operator change for all wells listed on Federal or Indian leases on: 07/10/2001
7. **Federal and Indian Units:** The BLM or BIA has approved the successor of unit operator for wells listed on: 07/10/2001
8. **Federal and Indian Communization Agreements ("CA"):** The BLM or the BIA has approved the operator change for all wells listed involved in a CA on: N/A
9. **Underground Injection Control ("UIC")** The Division has approved UIC Form 5, **Transfer of Authority to Inject**, for the enhanced/secondary recovery unit/project for the water disposal well(s) listed on: N/A

---

**DATA ENTRY:**

1. Changes entered in the **Oil and Gas Database** on: 07/18/2001
2. Changes have been entered on the **Monthly Operator Change Spread Sheet** on: 07/18/2001
3. Bond information entered in RBDMS on: N/A
4. Fee wells attached to bond in RBDMS on: N/A

---

**STATE BOND VERIFICATION:**

1. State well(s) covered by Bond No.: 400JU0705

---

**FEDERAL BOND VERIFICATION:**

1. Federal well(s) covered by Bond No.: N/A

---

**FEE WELLS - BOND VERIFICATION/LEASE INTEREST OWNER NOTIFICATION:**

1. (R649-3-1) The **NEW** operator of any fee well(s) listed covered by Bond No: N/A
2. The **FORMER** operator has requested a release of liability from their bond on: N/A  
The Division sent response by letter on: N/A
3. (R649-2-10) The **FORMER** operator of the Fee wells has been contacted and informed by a letter from the Division of their responsibility to notify all interest owners of this change on:

---

**FILMING:**

1. All attachments to this form have been **MICROFILMED** on:

---

**FILING:**

1. **ORIGINALS/COPIES** of all attachments pertaining to each individual well have been filled in each well file on:

---

**COMMENTS:** Master list of all wells involved in operator change from Coastal Oil & Gas Corporation to El Paso Production Oil and Gas Company shall be retained in the "Operator Change File".

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**STATE OF UTAH**  
**DEPARTMENT OF NATURAL RESOURCES**  
**DIVISION OF OIL, GAS AND MINING**

<b>SUNDRY NOTICES AND REPORTS ON WELLS</b> Do not use this form for proposals to drill new wells, deepen existing wells, or to reenter plugged and abandoned wells. Use APPLICATION FOR PERMIT -- for such proposals		6. Lease Designation and Serial Number ML-22265
		7. Indian Allottee or Tribe Name N/A
		8. Unit or Communitization Agreement N/A
1. Type of Well <input type="checkbox"/> Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other (specify)		9. Well Name and Number Morgan State #11-36
2. Name of Operator El Paso Production O&G Company		10. API Well Number 43-047-32813
3. Address of Operator P.O. Box 1148 Vernal, Utah 84078	4. Telephone Number (435)-781-7024	11. Field and Pool, or Wildcat Natural Buttes Field
5. Location of Well Footage : 1943'FSL & 1843'FWL     County : Uintah QQ, Sec, T., R., M : NESW Section 36-T9S-R21E     State : Utah		
12. <b>CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA</b>		

**NOTICE OF INTENT**  
 (Submit in Duplicate)

<input type="checkbox"/> Abandonment	<input type="checkbox"/> New Construction
<input type="checkbox"/> Casing Repair	<input type="checkbox"/> Pull or Alter Casing
<input type="checkbox"/> Change of Plans	<input type="checkbox"/> Recompletion
<input type="checkbox"/> Conversion to Injection	<input type="checkbox"/> Shoot or Acidize
<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Vent or Flare
<input type="checkbox"/> Multiple Completion	<input type="checkbox"/> Water Shut-Off
<input checked="" type="checkbox"/> Other <u>Plug Back</u>	

Approximate Date Work Will Start Upon Approval

**SUBSEQUENT REPORT**  
 (Submit Original Form Only)

<input type="checkbox"/> Abandonment *	<input type="checkbox"/> New Construction
<input type="checkbox"/> Casing Repair	<input type="checkbox"/> Pull or Alter Casing
<input type="checkbox"/> Change of Plans	<input type="checkbox"/> Shoot or Acidize
<input type="checkbox"/> Conversion to Injection	<input type="checkbox"/> Vent or Flare
<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Water Shut-Off
<input type="checkbox"/> Other _____	

Date of Work Completion \_\_\_\_\_

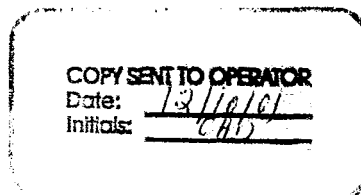
Report results of Multiple Completions and Recompletions to different reservoirs on WELL COMPLETION OR RECOMPLETION AND LOG form.

\* Must be accompanied by a cement verification report.

13. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

El Paso Production Company requests authorization to Plug Back the subject well.  
 This well was drilled and completed as a Wasatch/Mesaverde well and was averaging 20 MCGD and 18 BWPD.  
 The well has always produced more water than gas since completion. A production log ran in 1997 indicates 100% water below 7200' and all the gas is being produced above 6900'. The well is perforated from 4900'-7960'.  
 The well went down October 12, 2001 and efforts to bring it back failed. It is recommended that a CIBP be set at 6950' and the upper zones be tested.

Please refer to the attached Procedure.



14. I hereby certify that the foregoing is true and correct.

Name & Signature Sheila Upchegor Title Regulatory Analyst Date 12/04/01

(State Use Only) **APPROVED BY THE STATE OF UTAH DIVISION OF OIL, GAS, AND MINING**

(8/90)

DATE 12/17/01

BY: Dick Deert

See Instructions on Reverse Side

**DIVISION OF OIL, GAS AND MINING**

**EL PASO PRODUCTION COMPANY**  
**MORGAN STATE 11-36**  
**PLUG BACK LOWER ZONES TO SHUT OFF WATER**  
**MESA VERDE AND WASATCH**

**Section 36- 9S - 21E**

Uintah County, UT

November 14, 2001

ELEVATION:	5,098' KB	5,085' GL
TOTAL DEPTH:	8,038'	PBTD: 7,970'
SURFACE CASING:	8 5/8" 36# K-55 set @ 260'	
PRODUCTION CASING:	4-1/2", 11.6#, N-80 set @ 8,038' 80% Burst: 6,200 psi	
	Capacity: 0.6528 gal/ft	
	0.0155 bbl/ft	
TUBING:	2-3/8" 4.7# @ 6,456' SN @ 6,424'.	
	Capacity: 0.1624 gal/ft	
	0.00387 bbl/ft	
EXISTING		
PERFORATIONS:	Mesa Verde:	7,517'-7,960'
	Wasatch:	4,903'-7,114'
FLUID LEVEL:	3,800'	

Well loaded up and will not flow

**PROCEDURE**

1. MIRU work over unit. Blow well down. ND wellhead NU BOP.
2. POOH with tubing. Talley out to verify depth.
3. RIH with scrapper to 7000'. POOH.
4. MIRU wireline company. PU and RIH with 10K CIBP. Set plug at +/- 6,950'. POOH and RD and release wireline unit.
5. PU and RIH with notched collar, 1 jt 2-3/8" tubing, SN and remaining 2-3/8". RIH to 4,900'.
6. MIRU acid company. Hook up to well head. Hold safety meeting and test line. Pump 1000 gallons 15% containing corrosion inhibitor, iron stabilizing agent, surfactant and clay stabilizer down tubing. Displace acid out tubing. RD and release acid company.
7. Drop down and land tubing at 6900'. ND BOP NU well head.
8. Swab back spent acid and kick well off. RD and release rig. Flow back until well cleans up.
9. Return to sales.

WLG

Approvals:

## WELL INFORMATION SERVICES, INC.

### PRELIMINARY RESULTS REPORT

COMPANY NAME: COASTAL OIL & GAS

WELL NUMBER: MORGAN STATE 11-36

TYPE OF SURVEY: FLUID ENTRY SURVEY WITH WATER HOLDUP

DATE OF SURVEY: 7-7-97

TBG PRESSURE: 300 PSI

CSG PRESSURE: 750 PSI

CHOKE:

PBTD: 8046

TD: 7200-7318

SURFACE TEMP:

BHT: 169 F

PRODUCTION RATES: WATER: 100-160 B/D GAS: 250 MCF/D

FOUND ENTRIES AT :	DEPTH	GAS	WATER
--------------------	-------	-----	-------

	4903	41%	
--	------	-----	--

	5556-5608	50%	
--	-----------	-----	--

	6375	POSSIBLE	
--	------	----------	--

	6713	POSSIBLE	
--	------	----------	--

	6905	9%	
--	------	----	--

	BELOW TD	SMALL GAS	100% WATER
--	----------	-----------	------------

REMARKS: RAN TEMPERATURE, R/A TRACER AND WATER HOLDUP SURVEYS TO DETERMINE INTERVALS OF ENTRIES. FOUND ENTRIES AS INDICATED ABOVE. TD WAS NOT CONSISTENT (VARIED FROM 7200 TO 7318). AT TIMES THE TOOLS STOPPED AND THEN FELL THROUGH AND AT OTHER TIMES TD WAS VERY SOLID.

PROTECHNICS AFTER FRAC GAMMA RAY WAS COMPLETED ON 7-8-97.

THANK YOU FOR USING OUR SERVICES





# United States Department of the Interior **RECEIVED**

## BUREAU OF LAND MANAGEMENT

Utah State Office  
P.O. Box 45155  
Salt Lake City, UT 84145-0155

FEB 22 2002

DIVISION OF  
OIL, GAS AND MINING

In Reply Refer To:

3106

UTU-25566 et al

(UT-924)

FEB 21 2002

### NOTICE

Westport Oil and Gas Company L.P. : Oil and Gas  
410 Seventeenth Street, #2300 :  
Denver Colorado 80215-7093 :

#### Name Change Recognized

Acceptable evidence has been received in this office concerning the name change of Westport Oil and Gas Company, Inc. into Westport Oil and Gas Company, L.P. with Westport Oil and Gas Company, L.P. being the surviving entity.

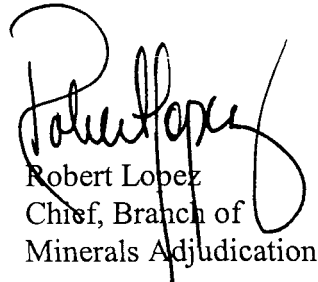
For our purposes, the name change is recognized effective December 31, 2001.

The oil and gas lease files identified have been noted as to the name change. The exhibit was compiled from a list of leases obtained from our computer program. We have not abstracted the lease files to determine if the entities affected by this name change hold an interest in the leases identified nor have we attempted to identify leases where the entities are the operator on the ground maintaining no vested recorded title or operating rights interests. We will be notifying the Minerals Management Service and all applicable Bureau of Land Management offices of the change by a copy of this notice. If additional documentation for changes of operator are required by our Field Offices, you will be contacted by them.

If you identify additional leases in which the entities maintain an interest, please contact this office and we will appropriately document those files with a copy of this Notice.

Due to the name change, the name of the principal/obligor on the bond is required to be changed from Westport Oil and Gas Company, Inc. to Westport Oil and Gas Company, L.P.. You may accomplish this either by consent of surety rider on the original bond or a rider to the original bond. The bonds are held in Colorado.

UTU-03405  
UTU-20895  
UTU-25566  
UTU-43156  
UTU-49518  
UTU-49519  
UTU-49522  
UTU-49523



Robert Lopez  
Chief, Branch of  
Minerals Adjudication

cc: Moab Field Office  
Vernal Field Office  
MMS, Reference Data Branch, MS3130, PO Box 5860, Denver CO 80217  
State of Utah, DOGM, Attn: Jim Thompson (Ste. 1210), Box 145801, SLC UT 84114  
Teresa Thompson (UT-922)  
Joe Incardine (UT-921)

UNITED STATES GOVERNMENT

# memorandum

Branch of Real Estate Services  
Uintah & Ouray Agency

Date: 5 December, 2002

Reply to:  
Attn of: Supervisory Petroleum Engineer

Subject: Modification of Utah Division of Oil, Gas and Mining Regulations

To: Director, Utah Division of Oil, Gas and Mining Division: John Baza

We have been advised of changes occurring with the operation of your database for Change of Operator. You will be modifying your records to reflect Change of Operator once you have received all necessary documentation from the companies involved, and perhaps in advance of our Notice of Concurrence/Approval of Change of Operator where Indian leases are involved.

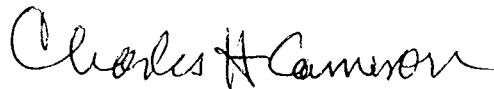
We have no objection.

With further comment to Rulemaking, I wish to comment concerning the provision of Exhibits for upcoming Hearings. I would like to see the Uintah & Ouray Agency, BIA, and the Ute Indian Tribe, Energy & Mineral Resources Department added to the list of those parties that receive advance Exhibits so as to allow us to have research time prior to Hearing dates. We will be able to provide a more informed recommendation to the Oil, Gas and Mining Board. It would be best if we would receive only those Exhibits that concern Indian lands, specifically on or adjacent to Indian lands. This may be a difficult situation to attain, as it is not always clear where 'on or adjacent' occurs.

I am aware that you have gone to extra effort to correct this matter already, and I fully appreciate it. My request is intended only to allow the addition of Uintah & Ouray Agency and Ute Indian Tribe to the official listing.

We appreciate your concern, and hope that these comments are timely enough for consideration in the revision process.

CC: Minerals & Mining Section of RES  
Ute Energy & Mineral Resources Department: Executive Director  
chrono



JAN. 17. 2003 3:34PM

WESTPORT

NO. 173

P. 2

**WESTPORT OIL AND GAS COMPANY, L.P.**

410 Seventeenth Street #2300 Denver Colorado 80202-4436  
Telephone: 303 573 5404 Fax: 303 573 5609

February 1, 2002

Department of the Interior  
Bureau of Land Management  
2850 Youngfield Street  
Lakewood, CO 80215-7093  
Attention: Ms. Martha Maxwell

RE: BLM Bond CO-1203  
BLM Nationwide Bond 158626364  
Surety - Continental Casualty Company  
Belco Energy Corporation merger into Westport Oil and Gas Company, Inc.  
Conversion of Westport Oil and Gas Company, Inc., into Westport Oil and Gas Company, L.P.  
Assumption Rider - Westport Oil and Gas Company, L.P.

Dear Ms. Maxwell:

Pursuant to our recent conversations, please find the following list of enclosures for the BLM's consideration and approval:

Two (2) Assumption Riders, fully executed originals.  
Copies of Belco Energy Corporation merger into Westport Oil and Gas Company, Inc.  
Copies of Westport Oil and Gas Company, Inc., conversion into Westport Oil and Gas Company, L.P.  
List of all Federal/BIA/State Leases - Belco/Westport's leases - in all states.

Please inform us of any additional information needed to complete the change to Westport Oil and Gas Company, L.P., as operator of record.

I thank you for your assistance and cooperation in this matter. Please do not hesitate contacting the undersigned, should a question arise.

Sincerely,  
Westport Oil and Gas Company, L.P.

Debby J. Black  
Engineer Technician

Encl:



# United States Department of the Interior

**BUREAU OF INDIAN AFFAIRS**

Washington, D.C. 20240

FEB 10 2003

IN REPLY REFER TO:

Real Estate Services

Carroll A. Wilson  
Principal Landman  
Westport Oil and Gas Company, L.P.  
1368 South 1200 East  
Vernal, Utah 84078

Dear Mr. Wilson:

This is in response to your request for approval of RLI Insurance Company's Nationwide Oil and Gas Lease Bond No. RLB0005239 executed effective December 17, 2002, (\$150,000 coverage) with Westport Oil and Gas Company, L. P., as principal.

This bond is hereby approved as of the date of this correspondence and will be retained in the Bureau of Indian Affairs' Division of Real Estate Services, 1849 C Street, NW, MS-4512-MIB, Washington, D.C. 20240. All Bureau oil and gas regional offices and the surety are being informed of this action.

In cases where you have existing individual and/or collective bonds on file with one or more of our regional offices, you may now request those offices, directly, to terminate in lieu of coverage under this Nationwide Bond.

Enclosed is a copy of the approved bond for your files. If we may be of further assistance in this matter, please advise.

Sincerely,

Director, Office of Trust Responsibilities

**ACTING**

Enclosure

STATE OF UTAH  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS AND MINING

FORM 9

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

1. TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER _____		5. LEASE DESIGNATION AND SERIAL NUMBER:
2. NAME OF OPERATOR: El Paso Production Oil & Gas Company		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
3. ADDRESS OF OPERATOR: 9 Greenway Plaza Houston TX 77064-0995		7. UNIT or CA AGREEMENT NAME:
PHONE NUMBER: (832) 676-5933		8. WELL NAME and NUMBER: Exhibit "A"
4. LOCATION OF WELL FOOTAGES AT SURFACE: QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:		9. API NUMBER:
		10. FIELD AND POOL, OR WILDCAT:
		COUNTY:
		STATE: UTAH

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
<input type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will start: _____	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION	
	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL	
	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARILY ABANDON	
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input checked="" type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR	
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLARE	
<input type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion: _____	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL	
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/RESUME)	<input type="checkbox"/> WATER SHUT-OFF	
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> OTHER: _____	
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION		

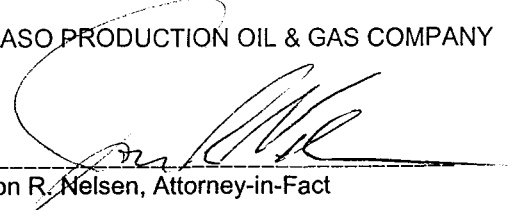
12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

Operator change to Westport Oil and Gas Company, L.P., 1670 Broadway, Suite 2800, Denver, CO. 80202-4800, effective December 17, 2002.

BOND # \_\_\_\_\_

State Surety Bond No. RLB0005236  
Fee Bond No. RLB0005238

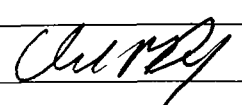
EL PASO PRODUCTION OIL & GAS COMPANY

By:   
Jon R. Nelsen, Attorney-in-Fact

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FEB 28 2003

DIV. OF OIL, GAS & MINING

WESTPORT OIL AND GAS COMPANY, L.P.	
NAME (PLEASE PRINT) David R. Dix	TITLE Agent and Attorney-in-Fact
SIGNATURE 	DATE 12/17/02

(This space for State use only)

Form 3160-5  
(August 1999)UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

## SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or reenter an abandoned well. Use Form 3160-3 (APD) for such proposals.

**SUBMIT IN TRIPLICATE - Other instructions on reverse side**1. Type of Well  
☐ Oil Well ☒ Gas Well ☐ Other

2. Name of Operator

WESTPORT OIL &amp; GAS COMPANY, L.P.

3a. Address

P.O. BOX 1148 VERNAL, UT 84078

3b. Phone No. (include area code)

(435) 781-7023

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

SEE ATTACHED EXHIBIT "A"

FORM APPROVED  
OMB No. 1004-0135  
Expires November 30, 2000

5. Lease Serial No.

SEE ATTACHED EXHIBIT "A"

6. If Indian, Allottee or Tribe Name

7. If Unit or CA/Agreement, Name and/or No.

8. Well Name and No.

SEE ATTACHED EXHIBIT "A"

9. API Well No.

SEE ATTACHED EXHIBIT "A"

10. Field and Pool, or Exploratory Area

11. County or Parish, State

UINTAH COUNTY, UT

## 12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

## TYPE OF SUBMISSION

- ☐
- Notice of Intent
- 
- ☐
- Subsequent Report
- 
- ☐
- Final Abandonment Notice

## TYPE OF ACTION

- |   |   |  |   |
|---|---|--|---|
| <input type="checkbox"/> Acidize              | <input type="checkbox"/> Deepen           | <input type="checkbox"/> Production (Start/Resume) | <input type="checkbox"/> Water Shut-Off   |
| <input type="checkbox"/> Alter Casing         | <input type="checkbox"/> Fracture Treat   | <input type="checkbox"/> Reclamation               | <input type="checkbox"/> Well Integrity   |
| <input type="checkbox"/> Casing Repair        | <input type="checkbox"/> New Construction | <input type="checkbox"/> Recomplete                | <input checked="" type="checkbox"/> Other |
| <input type="checkbox"/> Change Plans         | <input type="checkbox"/> Plug and Abandon | <input type="checkbox"/> Temporarily Abandon       | <b>SUCCESSOR OF</b>                       |
| <input type="checkbox"/> Convert to Injection | <input type="checkbox"/> Plug Back        | <input type="checkbox"/> Water Disposal            | <b>OPERATOR</b>                           |

13. Describe Proposed or Completed Operations (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recomplete horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zc. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompletion in a new interval, a Form 3160-4 shall be filed if testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator determined that the site is ready for final inspection.

WESTPORT OIL & GAS COMPANY, L.P., IS CONSIDERED TO BE THE OPERATOR ON THE ATTACHED DESCRIBED LANDS AND IS RESPONSIBLE UNDER THE TERMS AND CONDITIONS OF THE LEASE FOR THE OPERATIONS CONDUCTED ON THE LEASED LANDS OR PORTIONS THEREOF, BOND COVERAGE FOR THIS WELL IS PROVIDED BY FEDERAL NATIONWIDE BOND NO. 158626364, EFFECTIVE FEBRUARY 1, 2002, AND BIA NATIONWIDE BOND NO. RLB0005239, EFFECTIVE FEBRUARY 10, 2003.

RECEIVED

MAR 04 2003

DIV. OF OIL, GAS &amp; MINING

14. I hereby certify that the foregoing is true and correct

Name (Printed/Typed)

CHERYL CAMERON

Title

OPERATIONS

Date

March 4, 2003

Approved by

THIS SPACE FOR FEDERAL OR STATE USE

Title

Date

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Office

Title 18 U.S.C. Section 1001, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

(Instructions on reverse)

## OPERATOR CHANGE WORKSHEET

## ROUTING

1. GLH

2. CDW

3. FILE

## X Change of Operator (Well Sold)

Designation of Agent/Operator

Operator Name Change

Merger

The operator of the well(s) listed below has changed, effective: 12-17-02

<b>FROM: (Old Operator):</b>	<b>TO: ( New Operator):</b>
EL PASO PRODUCTION OIL & GAS COMPANY	WESTPORT OIL & GAS COMPANY LP
Address: 9 GREENWAY PLAZA	Address: P O BOX 1148
HOUSTON, TX 77064-0995	VERNAL, UT 84078
Phone: 1-(832)-676-5933	Phone: 1-(435)-781-7023
Account No. N1845	Account No. N2115

CA No.

Unit:

## WELL(S)

NAME	SEC TWN RNG	API NO	ENTITY NO	LEASE TYPE	WELL TYPE	WELL STATUS
MORGAN STATE 3-36	36-09S-21E	43-047-32589	12002	STATE	GW	P
MORGAN STATE 4-36	36-09S-21E	43-047-32729	12068	STATE	GW	P
MORGAN STATE 5-36	36-09S-21E	43-047-32735	12069	STATE	GW	P
MORGAN STATE 6-36	36-09S-21E	43-047-32810	12119	STATE	GW	P
MORGAN STATE 7-36	36-09S-21E	43-047-32811	12134	STATE	GW	P
MORGAN STATE 8-36	36-09S-21E	43-047-32812	12179	STATE	GW	P
MORGAN STATE 9-36	36-09S-21E	43-047-32815	12178	STATE	GW	P
MORGAN STATE 10-36	36-09S-21E	43-047-32816	12135	STATE	GW	P
MORGAN STATE 11-36	36-09S-21E	43-047-32813	12137	STATE	GW	P
MORGAN STATE 12-36	36-09S-21E	43-047-32814	12136	STATE	GW	S
MORGAN STATE 13-36	36-09S-21E	43-047-32817	12130	STATE	GW	S
MORGAN STATE 14-36	36-09S-21E	43-047-33092	13194	STATE	GW	P
MORGAN STATE 16-36	36-09S-21E	43-047-33093	12407	STATE	GW	S
MORGAN STATE 15-36	36-09S-21E	43-047-33094	12384	STATE	GW	S
UTE TRAIL 6 1 (CA CR-12)	06-09S-22E	43-047-30667	185	INDIAN	GW	P
STATE 6-56 (TRIBAL) (CA CR-12)	06-09S-22E	43-047-32699	11839	FEDERAL	GW	P
TRIBAL 6-64 (CA CR-12)	06-09S-22E	43-047-33338	12676	INDIAN	GW	P
FEDERAL 6-100 (CA CR-12)	06-09S-22E	43-047-33401	12695	FEDERAL	GW	P
HALL 6-135 (CA CR-12)	06-09S-22E	43-047-33440	12711	FEE	GW	P
HALL 6-136 (CA CR-12)	06-09S-22E	43-047-33437	12700	FEE	GW	P

## OPERATOR CHANGES DOCUMENTATION

Enter date after each listed item is completed

1. (R649-8-10) Sundry or legal documentation was received from the **FORMER** operator on: 02/28/2003
2. (R649-8-10) Sundry or legal documentation was received from the **NEW** operator on: 03/04/2003
3. The new company has been checked through the **Department of Commerce, Division of Corporations Database** on: 03/06/2003
4. Is the new operator registered in the State of Utah: YES Business Number: 1355743-0181
5. If **NO**, the operator was contacted on: \_\_\_\_\_



6. (R649-9-2)Waste Management Plan has been received on: IN PLACE

7. **Federal and Indian Lease Wells:** The BLM and or the BIA has approved the merger, name change, or operator change for all wells listed on Federal or Indian leases on: BLM-12/31/2003 BIA-12/5/02

8. **Federal and Indian Units:**

The BLM or BIA has approved the successor of unit operator for wells listed on: 02/27/2003

9. **Federal and Indian Communization Agreements ("CA"):**

The BLM or BIA has approved the operator for all wells listed within a CA on: 01/09/2003

10. **Underground Injection Control ("UIC")** The Division has approved UIC Form 5, **Transfer of Authority to Inject**, for the enhanced/secondary recovery unit/project for the water disposal well(s) listed on: N/A

**DATA ENTRY:**

1. Changes entered in the **Oil and Gas Database** on: 03/27/2003

2. Changes have been entered on the **Monthly Operator Change Spread Sheet** on: 03/27/2003

3. Bond information entered in RBDMS on: N/A

4. Fee wells attached to bond in RBDMS on: N/A

**STATE WELL(S) BOND VERIFICATION:**

1. State well(s) covered by Bond Number: RLB 0005236

**FEDERAL WELL(S) BOND VERIFICATION:**

1. Federal well(s) covered by Bond Number: 158626364

**INDIAN WELL(S) BOND VERIFICATION:**

1. Indian well(s) covered by Bond Number: RLB 0005239

**FEE WELL(S) BOND VERIFICATION:**

1. (R649-3-1) The **NEW** operator of any fee well(s) listed covered by Bond Number RLB 0005238

2. The **FORMER** operator has requested a release of liability from their bond on: N/A

The Division sent response by letter on: N/A

**LEASE INTEREST OWNER NOTIFICATION:**

3. (R649-2-10) The **FORMER** operator of the fee wells has been contacted and informed by a letter from the Division of their responsibility to notify all interest owners of this change on: N/A

**COMMENTS:**

**STATE OF UTAH**  
**DEPARTMENT OF NATURAL RESOURCES**  
**DIVISION OF OIL, GAS AND MINING**

<b>SUNDRY NOTICES AND REPORTS ON WELLS</b> Do not use this form for proposals to drill new wells, deepen existing wells, or to reenter plugged and abandoned wells. Use APPLICATION FOR PERMIT – for such proposals		6. Lease Designation and Serial Number <b>MULTIPLE WELLS- SEE ATTACHED</b>
		7. Indian Allottee or Tribe Name  
		8. Unit or Communitization Agreement <b>MULTIPLE WELLS- SEE ATTACHED</b>
1. Type of Well <input type="checkbox"/> Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other (specify)		9. Well Name and Number  <b>MULTIPLE WELLS- SEE ATTACHED</b>
2. Name of Operator <b>WESTPORT OIL &amp; GAS COMPANY, L.P.</b>		10. API Well Number <b>MULTIPLE WELLS- SEE ATTACHED</b>
3. Address of Operator <b>1368 SOUTH 1200 EAST, VERNAL, UTAH 84078</b>	4. Telephone Number <b>435-781-7060</b>	11. Field and Pool, or Wildcat <b>MULTIPLE WELLS- SEE ATTACHED</b>
5. Location of Well Footage : <b>MULTIPLE WELLS- SEE ATTACHED</b> County : <b>UINTAH</b> QQ, Sec, T., R., M : <b>MULTIPLE WELLS- SEE ATTACHED</b> State : <b>UTAH</b>		
<b>12. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA</b>		

**NOTICE OF INTENT**  
 (Submit in Duplicate)

<input type="checkbox"/> Abandonment	<input type="checkbox"/> New Construction
<input type="checkbox"/> Casing Repair	<input type="checkbox"/> Pull or Alter Casing
<input type="checkbox"/> Change of Plans	<input type="checkbox"/> Recompletion
<input type="checkbox"/> Conversion to Injection	<input type="checkbox"/> Shoot or Acidize
<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Vent or Flare
<input type="checkbox"/> Multiple Completion	<input type="checkbox"/> Water Shut-Off
<input checked="" type="checkbox"/> Other <u>VARIANCE</u>	

Approximate Date Work Will Start \_\_\_\_\_

**SUBSEQUENT REPORT**  
 (Submit Original Form Only)

<input type="checkbox"/> Abandonment *	<input type="checkbox"/> New Construction
<input type="checkbox"/> Casing Repair	<input type="checkbox"/> Pull or Alter Casing
<input type="checkbox"/> Change of Plans	<input type="checkbox"/> Shoot or Acidize
<input type="checkbox"/> Conversion to Injection	<input type="checkbox"/> Vent or Flare
<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Water Shut-Off
<input type="checkbox"/> Other _____	

Date of Work Completion \_\_\_\_\_

Report results of Multiple Completions and Recompletions to different reservoirs on WELL COMPLETION OR RECOMPLETION AND LOG form.

\* Must be accompanied by a cement verification report.

13. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

Westport Oil & Gas requests a variance to Onshore Order No. 4, Part III C. a. requiring each sales tank be equipped with a pressure-vacuum thief hatch and/or vent line valve. The variance is requested as an economic analysis shows the value of the shrunk condensate will not payout the incremental cost of purchasing and maintaining the valve resulting in a loss of value over the producing life of the well.

The volume lost to shrinkage by dropping the tank pressure from 6 ozs. to 0 psig is shown to be 0.3% of the tank volume. This was determined by lab analysis of a representative sample from the field. The sample shrunk from 98.82% of original volume to 98.52% when the pressure was dropped. The average well produces approximately 6 bbls condensate per month. The resulting shrinkage would amount to 0.56 bbls per month lost volume due to shrinkage. The value of the shrunk and lost condensate does not recoup or payout the cost of installing and maintaining the valves and other devices that hold the positive tank pressure. An economic run based on the loss and costs is attached. Westport Oil & Gas requests approval of this variance in order to increase the value of the well to the operator and the mineral royalty owners.

14. I hereby certify that the foregoing is true and correct.

Name & Signature Debra Domenici Title Environmental Assistant Date 07/12/04

(State Use Only)

**Accepted by the**  
**Utah Division of**  
**Oil, Gas and Mining**

Federal Approval Of This  
 Action Is Necessary

Date: 7/15/04

By: [Signature]

See Instructions on Reverse Side

COPY SENT TO OPERATOR

Date: 7-16-04

Initials: CHS

**RECEIVED**

**JUL 14 2004**

DIV. OF OIL, GAS & MINING

# Westport Oil & Gas, L.P.

## Project Economics Worksheet

### Instructions:

Fill in blue boxed areas with before and after project data. The evaluation results are shown below and graphed automatically at the bottom of the page. This sheet is protected to prevent accidental alteration of the formulas. See JTC for changes. OPX entered as annual costs and/or as unit OPX costs for \$/BF and \$/MCF

Project Name:

Condensate Shrinkage Economics

Is this job a well pull or production rig job ??? ☒ N (Y or N)

	BEFORE \$/Year	AFTER \$/Year	DIFFERENCE \$/Year
Gross Oil Revenue	\$1,088	\$1,099	\$11
Gross Gas Revenue	\$0	\$0	\$0
NGL Revenue	\$0	\$0	\$0
PULING UNIT SERVICE			\$0
WIREFLINE SERVICE			\$0
SUBSURF EQUIP REPAIRS			\$0
COMPANY LABOR			\$0
CONTRACT LABOR	\$0	\$200	\$200
CONTR SERVICE			\$0
LEASE FUEL GAS	\$0	\$0	\$0
UTILITIES - ELECTRICITY	\$0	\$0	\$0
CHEMICAL TREATING			\$0
MATERIAL & SUPPLY	\$0	\$150	\$150
WATER & HAULING			\$0
ADMINISTRATIVE COSTS			\$0
GAS PLANT PROCESSING			\$0
<b>Totals</b>	<b>\$0</b>	<b>\$350</b>	<b>\$350</b>

Increased OPX Per Year

### Investment Breakdown:

	Cap/Exp Code	Cost, \$
Capital \$	820/830/840	\$1,200
Expense \$	830/860	\$0
Total \$		\$1,200

Oil Price	\$ 23.00	\$/BO
Gas Price	\$ 3.10	\$/MCF
Electric Cost	\$ -	\$/ HP / day
OPX/BF	\$ 2.00	\$/BF
OPX/MCF	\$ 0.62	\$/MCF

### Production & OPX Detail:

	Before		After		Difference	
Oil Production	0.192	BOPD	0.194	BOPD	0.002	BOPD
Gas Production	0	MCFPD	0	MCFPD	0	MCFPD
Wtr Production	0	BWPD	0	BWPD	0	BWPD
Horse Power		HP		HP	0	HP
Fuel Gas Burned		MCFPD		MCFPD	0	MCFPD

### Project Life:

Life = 20.0 Years  
(Life no longer than 20 years)

### Internal Rate of Return:

After Tax IROR = #DIV/0!

### AT Cum Cashflow:

Operating Cashflow = (\$2,917) (Discounted @ 10%)

### Payout Calculation:

Payout =  $\frac{\text{Total Investment}}{\text{Sum(OPX + Incremental Revenue)}}$  = 1

Payout occurs when total AT cashflow equals investment  
See graph below, note years when cashflow reaches zero

Payout = NEVER Years or #VALUE! Days

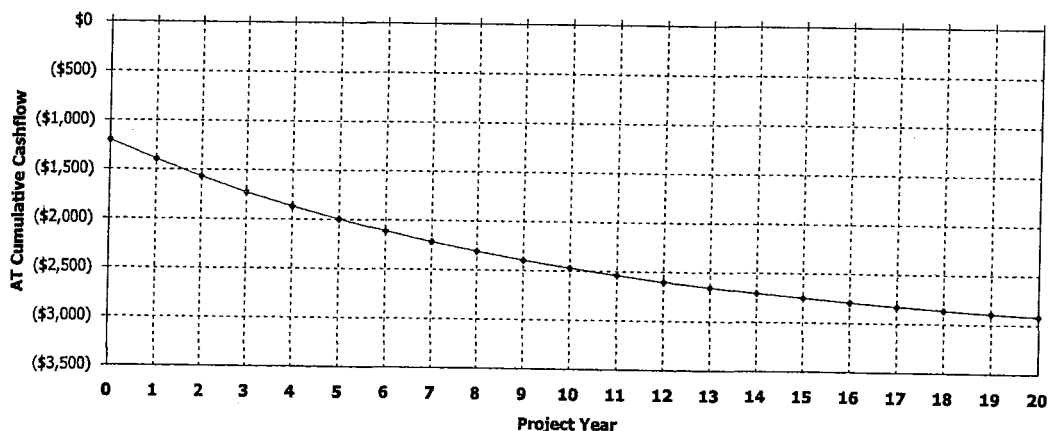
### Gross Reserves:

Oil Reserves = 6 BO  
Gas Reserves = 0 MCF  
Gas Equiv Reserves = 38 MCFE

### Notes/Assumptions:

An average NBU well produces 0.192 Bcpd with no tank pressure. The production is increased to 0.194 Bcpd if 6 ozs of pressure are placed on the tank. The increased production does not payout the valve cost or the estimated annual maintenance costs.

Project: Condensate Shrinkage Economics



**Westport Oil and Gas, Inc.**  
**NBU/Ouray Field**  
RFL 2003-022

**COMPARISON OF FLASH BACK PRESSURES**

Calculated by Characterized Equation-of-State

Flash Conditions		Gas/Oil Ratio ( scf/STbbl )	Specific Gravity of Flashed Gas ( Air=1.000 )	Separator Volume Factor (B)	Separator Volume Percent (C)
psig	°F	(A)			

**Calculated at Laboratory Flash Conditions**

80	70			1.019	
0	122	30.4	0.993	1.033	101.37%
0	60	0.0	—	1.000	98.14%

**Calculated Flash with Backpressure using Tuned EOS**

80	70			1.015	
6.0 oz	65	24.6	0.777	1.003	98.82%
0	60	0.0	—	1.000	98.52%
80	70			1.015	
4.0 oz	65	24.7	0.778	1.003	98.82%
0	60	0.0	—	1.000	98.52%
80	70			1.015	
2.0 oz	65	24.7	0.779	1.003	98.82%
0	60	0.0	—	1.000	98.52%
80	70			1.015	
0	65	24.8	0.780	1.003	98.82%
0	60	0.0	—	1.000	98.52%

(A) Cubic Feet of gas at 14.696 psia and 60 °F per Barrel of Stock Tank Oil at 60 °F.

(B) Barrels of oil at indicated pressure and temperature per Barrel of Stock Tank Oil at 60 °F.

(C) Oil volume at indicated pressure and temperature as a percentage of original saturated oil volume.

Note: Bubblepoint of sample in original sample container was 80 psig at 70° F with 1 cc water

WELL	LEGALS	STF LEASE NO	CA NUMBER	API NO
ARCHY BENCH STATE 1-2	NENE SEC 2, T11S, R22E	ML22348A		4304731489
BAYLESS STATE 02-01	SWSE SEC 2, T9S, R20E	ML47044		4304734540
BONANZA 1023-2A	NENE SEC. 2, T10S, R23E	ML47062		4304735347
BONANZA 1023-2C	NENW SEC. 2, T10S, R23E	ML47062		4304735346
BONANZA 1023-2E	SWNW SEC. 2, T10S, R23E	ML47062		4304735345
KENNEDY WASH STATE 16-1	NWNW SEC 16, T8S, R23E	ML47212		4304733589
MORGAN STATE 01-36	SENE SEC 36, T9S, R21E	ML22265		4304730600
MORGAN STATE 02-36	NWNE SEC 36, T9S, R21E	ML22265		4304732585
MORGAN STATE 03-36	NWNE SEC 36, T9S, R21E	ML22265		4304732589
MORGAN STATE 04-36	NWSW SEC 36, T9S, R21E	ML22265		4304732729
MORGAN STATE 05-36	NWSE SEC 36, T9S, R21E	ML22265		4304732735
MORGAN STATE 06-36	SWNW SEC 36, T9S, R21E	ML22265		4304732810
MORGAN STATE 07-36	NENW SEC 36, T9S, R21E	ML22265		4304732811
MORGAN STATE 08-36	NENE SEC 36, T9S, R21E	ML22265		4304732812
MORGAN STATE 09-36	SWNE SEC 36, T9S, R21E	ML22265		4304732815
MORGAN STATE 10-36	SENE SEC 36, T9S, R21E	ML22265		4304732816
MORGAN STATE 11-36	NESW SEC 36, T9S, R21E	ML22265		4304732813
MORGAN STATE 12-36	NESE SEC 36, T9S, R21E	ML22265		4304732814
MORGAN STATE 13-36	SESE SEC 36, T9S, R21E	ML22265		4304732817
MORGAN STATE 14-36	SWSW SEC 36, T9S, R21E	ML22265		4304733092
MORGAN STATE 15-36	SESW SEC 36, T9S, R21E	ML22265		4304733094
MORGAN STATE 16-36	SWSE SEC 36, T9S, R21E	ML22265		4304733093
STATE 01-32	NESW SEC 32, T10S, R22E	ML22798	891008900A	4304734317
STATE 02-32	SESW SEC 32, T10S, R22E	ML22798		4304734831
STATE 03-32	NWSW SEC 32, T10S, R22E	ML22798		4304734832
STATE 1022-32A	NENE SEC. 32, T10S, R22E	ML22798		4304735096
STATE 1022-32J	NWSE SEC 32, T10S, R22E	ML22798		4304735095
STATE 1022-32M	SWSW SEC 32, T10S, R22E	ML-22798		
STATE 1022-32O	SWSE SEC. 32, T10S, R22E	ML22798		4304735315
STATE 11-36	NESW SEC 36, T8S, R21E	ML22051	9C-205	4304734505
STATE 14-16	SWSW SEC 16, T7S, R21E	ML40904		4304731417
STATE 31-32	SESE SEC 31, T8S, R22E	ML28048	VR49I-84688C	4304730906
STATE 32-21	NESE SEC 32, T8S, R21E	ML22052	9C-204	4304730754
STIRRUP STATE 32-1	NWNE SEC 32, T6S, R21E	ML22036	UTU76783X	4304731557
STIRRUP STATE 32-1-J	NWSE SEC 32, T6S, R21E	ML40226		4304731646
STIRRUP STATE 32-2	SENE SEC 32, T6S, R21E	ML22036	UTU76783X	4304731626
STIRRUP STATE 32-6 SWD	NENE SEC 32, T6S, R21E	ML22036	UTU76783X	4304732784
UTE TRIBAL 31-060	NESW SEC 31, T8S, R22E	ML28048	VR49I-84688C	4304733340
WONSITS STATE 01-32	SWNE SEC 32, T7S, R22E	ML47780		4304732820
WONSITS STATE 02-32	SWSE SEC 32, T7S, R22E	ML47780		4304732819
WONSITS STATE 05-32	SENE SEC 32, T7S, R22E	ML47780		4304733678
WONSITS STATE 09-32	NESW SEC 32, T7S, R22E	ML47780		4304734060

**STATE OF UTAH**  
**DEPARTMENT OF NATURAL RESOURCES**  
**DIVISION OF OIL, GAS AND MINING**

<b>SUNDRY NOTICES AND REPORTS ON WELLS</b> Do not use this form for proposals to drill new wells, deepen existing wells, or to reenter plugged and abandoned wells. Use APPLICATION FOR PERMIT – for such proposals		6. Lease Designation and Serial Number ML-22265
		7. Indian Allottee or Tribe Name N/A
		8. Unit or Communitization Agreement N/A
1. Type of Well <input type="checkbox"/> Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other (specify)		9. Well Name and Number Morgan State #11-36
2. Name of Operator El Paso Production O&G Company		10. API Well Number 43-047-32813
3. Address of Operator P.O. Box 1148 Vernal, Utah 84078	4. Telephone Number (435)-781-7024	11. Field and Pool, or Wildcat Natural Buttes Field
5. Location of Well Footage : 1943'FSL & 1843'FWL     County : Uintah QQ, Sec, T., R., M : NESW Section 36-T9S-R21E     State : Utah		

12. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA			
<b>NOTICE OF INTENT</b> (Submit in Duplicate)		<b>SUBSEQUENT REPORT</b> (Submit Original Form Only)	
<input type="checkbox"/> Abandonment <input type="checkbox"/> Casing Repair <input type="checkbox"/> Change of Plans <input type="checkbox"/> Conversion to Injection <input type="checkbox"/> Fracture Treat <input type="checkbox"/> Multiple Completion <input type="checkbox"/> Other _____	<input type="checkbox"/> New Construction <input type="checkbox"/> Pull or Alter Casing <input type="checkbox"/> Recompletion <input type="checkbox"/> Shoot or Acidize <input type="checkbox"/> Vent or Flare <input type="checkbox"/> Water Shut-Off	<input type="checkbox"/> Abandonment * <input type="checkbox"/> Casing Repair <input type="checkbox"/> Change of Plans <input type="checkbox"/> Conversion to Injection <input type="checkbox"/> Fracture Treat <input checked="" type="checkbox"/> Other <u>PLUG BACK</u>	<input type="checkbox"/> New Construction <input type="checkbox"/> Pull or Alter Casing <input type="checkbox"/> Shoot or Acidize <input type="checkbox"/> Vent or Flare <input type="checkbox"/> Water Shut-Off
Approximate Date Work Will Start _____		Date of Work Completion <u>12/29/2001</u>  <small>Report results of Multiple Completions and Recompletions to different reservoirs on WELL COMPLETION OR RECOMPLETION AND LOG form.          * Must be accompanied by a cement verification report.</small>	

13. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

THE SUBJECT WELL LOCATION WAS PLUG BACK TO ISOLATE PERFS.

PLEASE REFER TO THE ATTACHED CHRONOLOGICAL WELL HISTORY.

**RECEIVED**

**JAN 31 2008**

DIV. OF OIL, GAS & MINING

14. I hereby certify that the foregoing is true and correct.

Name & Signature Sheila Upcheg  Title Regulatory Analyst Date 01/03/02

(State Use Only)

## COASTAL OIL &amp; GAS USA, L.P.

CHRONOLOGICAL HISTORY

## MORGAN STATE #11-36

Page 1

Natural Buttes Field

Sec. 36, T9S-R21E

Uintah County, UT

AFE: ISOLATE LOWER WATER ZONES, AFE#: 063067, 063075

**12/21/01 RIH W/ 4 ½" CSG SCRAPER**  
7AM ROAD RIG & EQUIP F/ ROOSEVELT, UT  
10:30A MIRU RIG & EQUIP. HOLD SAFETY MEETING: PU TBG IN COLD WEATHER. SITP & SICP =150#. BLOW WELL DN. NDWH, NUBOP. RIG UP TBG EQUIP.  
1PM RIH. EOT @ 6456. PICK UP & TALLY 2 3/8" WORK STRING TO 7100'.  
NO FILL.  
2PM POOH W/ 2 3/8" PROD BHA.(SLM)  
5PM SWI, SDFD.

**12/22/01 PUMP 1000 GAL 15% HCL ACROSS PERFS**  
SICP: 75#. HELD SAFETY MEETING: PROPER BOP OPERATION & W/L WORK. RIH W/ 3 7/8" MILL TOOTH BIT & 4 ½" CSG SCRAPER TO 7100'. NO BRIDGES. POOH & LD TOOLS. MIRU CUTTERS WLS. RIH & SET 4 ½" X 11.6# CIBP @ 6940'. RDMO CUTTERS. RIH W/NC, 1 JT 2 3/8" TBG, +45 SN & 163 JTS 2 3/8". EOT @ 4882'. SWI. SDFD & WEEKEND.

**12/27/01 SWABBING**  
SICP & SITP: 625#. BLOW WELL DN. HELD SAFETY MEETING: PUMPING ACID. EOT @ 4822'. RIH TO 6920'. MIRU DOWELL ACID EQUIP. PMP 10 BBLs 2% KCL, PUMP 12 BBLs 15% HCL. FLUSH W/23 BBL 2% KCL, ACROSS BTM PERFS @ 6375-6920'. POOH TO 5562'. PUMP 10 BBL 2% KCL, 12 BBL 15% HCL, FLUSH W/18 BBLs 2% KCL, ACROSS TOP PERFS @ 4903'-5609'. POOH TO 4665'. RDMO DOWELL. SIW. SDFD. LET ACID SOAK.

**12/28/01 SWABBING**  
SICP & SITP: 200#. BLOW WELL DN. HELD SAFETY MEETING: SWABBING BACK ACID LOAD. EOT @ 3500'. RU SWAB EQUIP. IFL @ 3500'. PULLED FROM SN @ 4634'. MADE 3 RUNS, REC 4 BBLs WTR, PH=7. RD SWAB EQUIP. RIH W 2 3/8" PROD BHA. LAND TBG. EOT @ 6882', SN @ 6850'. RD TBG EQUIP. NDBOP. NUWH. RU SWAB EQUIP. IFL @ 3800'. PULLED FROM SN @ 6850'. MADE 15 RUNS, REC 42 BBLs WTR, PH=6, FFL @ 6850'. DRAIN EQUIP. SWI. SDFD.

**12/29/01 BUILD PRESSURE**  
7AM SICP=300#, SITP=250#, BLOW WELL DN. HELD SAFETY MEETING: SWABBING & RIGGING DN.  
8AM START SWABBING: IFL @ 4000', PULL F/ SN @ 6850'. MADE 6 RUNS. REC 25 BBLs WTR, PH=7. WAIT 1 HR FOR FLUID ENTRY. REC ½ BBL WTR. FFL @

12N      6850'. RIG DN SWAB EQUIP. RIG DN RIG & EQUIP.  
ROAD RIG TO THE NBU #343  
ALL THE ACID LOAD HAS BEEN RECOVERED.



Division of Oil, Gas and Mining  
**OPERATOR CHANGE WORKSHEET**

**ROUTING**

1. DJJ  
 2. CDW

**X Change of Operator (Well Sold)**

Operator Name Change/Merger

The operator of the well(s) listed below has changed, effective:

**1/6/2006**

<b>FROM: (Old Operator):</b> N2115-Westport Oil & Gas Co., LP 1368 South 1200 East Vernal, UT 84078 Phone: 1-(435) 781-7024	<b>TO: (New Operator):</b> N2995-Kerr-McGee Oil & Gas Onshore, LP 1368 South 1200 East Vernal, UT 84078 Phone: 1-(435) 781-7024
---	---

**CA No.**

**Unit:**

WELL NAME	SEC	TWN	RNG	API NO	ENTITY NO	LEASE TYPE	WELL TYPE	WELL STATUS
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**OPERATOR CHANGES DOCUMENTATION**

Enter date after each listed item is completed

- (R649-8-10) Sundry or legal documentation was received from the **FORMER** operator on: 5/10/2006
- (R649-8-10) Sundry or legal documentation was received from the **NEW** operator on: 5/10/2006
- The new company was checked on the **Department of Commerce, Division of Corporations Database** on: 3/7/2006
- a. Is the new operator registered in the State of Utah: YES Business Number: 1355743-0181
- b. If **NO**, the operator was contacted on: \_\_\_\_\_
- a. (R649-9-2) Waste Management Plan has been received on: IN PLACE
- b. Inspections of LA PA state/fee well sites complete on: n/a
- c. Reports current for Production/Disposition & Sundries on: ok
- Federal and Indian Lease Wells:** The BLM and or the BIA has approved the merger, name change, or operator change for all wells listed on Federal or Indian leases on: BLM 3/27/2006 BIA not yet
- Federal and Indian Units:**  
The BLM or BIA has approved the successor of unit operator for wells listed on: 3/27/2006
- Federal and Indian Communization Agreements ("CA"):**  
The BLM or BIA has approved the operator for all wells listed within a CA on: n/a
- Underground Injection Control ("UIC")** The Division has approved UIC Form 5, **Transfer of Authority to Inject**, for the enhanced/secondary recovery unit/project for the water disposal well(s) listed on: \_\_\_\_\_

**DATA ENTRY:**

- Changes entered in the **Oil and Gas Database** on: 5/15/2006
- Changes have been entered on the **Monthly Operator Change Spread Sheet** on: 5/15/2006
- Bond information entered in RBDMS on: 5/15/2006
- Fee/State wells attached to bond in RBDMS on: 5/16/2006
- Injection Projects to new operator in RBDMS on: \_\_\_\_\_
- Receipt of Acceptance of Drilling Procedures for APD/New on: n/a Name Change Only

**BOND VERIFICATION:**

- Federal well(s) covered by Bond Number: CO1203
- Indian well(s) covered by Bond Number: RLB0005239
- (R649-3-1) The **NEW** operator of any fee well(s) listed covered by Bond Number RLB0005236
- a. The **FORMER** operator has requested a release of liability from their bond on: n/a rider added KMG  
The Division sent response by letter on: \_\_\_\_\_

**LEASE INTEREST OWNER NOTIFICATION:**

- (R649-2-10) The **FORMER** operator of the fee wells has been contacted and informed by a letter from the Division of their responsibility to notify all interest owners of this change on: 5/16/2006

**COMMENTS:**

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM APPROVED  
OMB No. 1004-0135  
Expires November 30, 2000

**SUNDRY NOTICES AND REPORTS ON WELLS**

**Do not use this form for proposals to drill or reenter an abandoned well. Use Form 3160-3 (APD) for such proposals.**

**SUBMIT IN TRIPLICATE - Other instructions on reverse side**

1. Type of Well

☐ Oil Well ☒ Gas Well ☐ Other

2. Name of Operator

**KERR-McGEE OIL & GAS ONSHORE LP**

3a. Address

**1368 SOUTH 1200 EAST VERNAL, UT 84078**

3b. Phone No. (include area code)

**(435) 781-7024**

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

**SEE ATTACHED**

5. Lease Serial No.

**MULTIPLE LEASES**

6. If Indian, Allottee or Tribe Name

7. If Unit or CA/Agreement, Name and/or No.

8. Well Name and No.

**MUTIPLE WELLS**

9. API Well No.

10. Field and Pool, or Exploratory Area

11. County or Parish, State

**UINTAH COUNTY, UTAH**

**12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA**

TYPE OF SUBMISSION	TYPE OF ACTION			
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input checked="" type="checkbox"/> Other CHANGE OF OPERATOR
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

13. Describe Proposed or Completed Operations (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleat horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleat in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.

PLEASE BE ADVISED THAT KERR-McGEE OIL & GAS ONSHORE LP, IS CONSIDERED TO BE THE OPERATOR OF THE ATTACHED WELL LOCATIONS. EFFECTIVE JANUARY 6, 2006.  
KERR-McGEE OIL & GAS ONSHORE LP, IS RESPONSIBLE UNDER TERMS AND CONDITIONS OF THE LEASE(S) FOR THE OPERATIONS CONDUCTED UPON LEASE LANDS. BOND COVERAGE IS PROVIDED BY STATE OF UTAH NATIONWIDE BOND NO. RLB0005237.

**RECEIVED**

**MAY 10 2006**

DIV. OF OIL, GAS & MINING

**BLM BOND = C01203**

**BIA BOND = RLB0005239**

**APPROVED 5/16/06**

**Earlene Russell**

**Division of Oil, Gas and Mining  
Earlene Russell, Engineering Technician**

14. I hereby certify that the foregoing is true and correct

Name (Printed/Typed)

**RANDY BAYNE**

Signature

*Randy Bayne*

Title

**DRILLING MANAGER**

Date

**May 9, 2006**

**THIS SPACE FOR FEDERAL OR STATE USE**

Approved by

Title

Date

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Office

Title 18 U.S.C. Section 1001, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or reenter an abandoned well. Use Form 3160-3 (APD) for such proposals.

FORM APPROVED  
OMB No. 1004-0135  
Expires November 30, 2000

5. Lease Serial No.

MULTIPLE LEASES

6. If Indian, Allottee or Tribe Name

7. If Unit or CA/Agreement, Name and/or No.

8. Well Name and No.

MUTIPLE WELLS

9. API Well No.

10. Field and Pool, or Exploratory Area

11. County or Parish, State

UINTAH COUNTY, UTAH

SUBMIT IN TRIPLICATE - Other instructions on reverse side

1. Type of Well

☐ Oil Well ☒ Gas Well ☐ Other

2. Name of Operator

WESTPORT OIL & GAS COMPANY L.P.

3a. Address

1368 SOUTH 1200 EAST VERNAL, UT 84078

3b. Phone No. (include area code)

(435) 781-7024

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

SEE ATTACHED

12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input checked="" type="checkbox"/> Other CHANGE OF OPERATOR
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

13. Describe Proposed or Completed Operations (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recomplate horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recomplate in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.

EFFECTIVE JANUARY 6, 2006, WESTPORT OIL & GAS COMPANY L.P., HAS RELINQUISHED THE OPERATORSHIP OF THE ATTACHED WELL LOCATIONS TO KERR-McGEE OIL & GAS ONSHORE LP.

APPROVED 5/16/06  
Earlene Russell  
Division of Oil, Gas and Mining  
Earlene Russell, Engineering Technician

RECEIVED  
MAY 10 2006

DIV. OF OIL, GAS & MINING

14. I hereby certify that the foregoing is true and correct

Name (Printed/Typed)

BRAD LANEY

Signature

Title

ENGINEERING SPECIALIST

Date

May 9, 2006

THIS SPACE FOR FEDERAL OR STATE USE

Approved by

Brad Laney

Title

Date

5-9-06

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Office

Title 18 U.S.C. Section 1001, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

<b>STATE OF UTAH</b> DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		<b>FORM 9</b>
<b>SUNDRY NOTICES AND REPORTS ON WELLS</b>  Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		<b>5. LEASE DESIGNATION AND SERIAL NUMBER:</b> ML-22265
<b>1. TYPE OF WELL</b> Gas Well		<b>6. IF INDIAN, ALLOTTEE OR TRIBE NAME:</b>
<b>2. NAME OF OPERATOR:</b> KERR-MCGEE OIL & GAS ONSHORE, L.P.		<b>7. UNIT or CA AGREEMENT NAME:</b> NATURAL BUTTES
<b>3. ADDRESS OF OPERATOR:</b> P.O. Box 173779 1099 18th Street, Suite 600, Denver, CO, 80217 3779		<b>8. WELL NAME and NUMBER:</b> MORGAN STATE 11-36
<b>4. LOCATION OF WELL</b> <b>FOOTAGES AT SURFACE:</b> 1943 FSL 1843 FWL <b>QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:</b> Qtr/Qtr: NESW Section: 36 Township: 09.0S Range: 21.0E Meridian: S		<b>9. API NUMBER:</b> 43047328130000
<b>PHONE NUMBER:</b> 720 929-6007 Ext		<b>9. FIELD and POOL or WILDCAT:</b> NATURAL BUTTES
<b>COUNTY:</b> UINTAH		<b>STATE:</b> UTAH

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

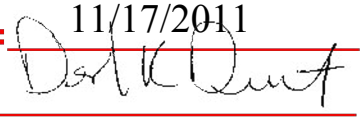
TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> <b>NOTICE OF INTENT</b> Approximate date work will start:	<input type="checkbox"/> ACIDIZE <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> DEEPEN <input type="checkbox"/> OPERATOR CHANGE <input checked="" type="checkbox"/> PRODUCTION START OR RESUME <input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> WATER SHUTOFF <input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> ALTER CASING <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> SI TA STATUS EXTENSION <input type="checkbox"/> OTHER	<input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CONVERT WELL TYPE <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> PLUG BACK <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION <input type="checkbox"/> TEMPORARY ABANDON <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> APD EXTENSION OTHER: <input style="width: 100px;" type="text"/>
<input checked="" type="checkbox"/> <b>SUBSEQUENT REPORT</b> Date of Work Completion: 8/12/2010			
<input type="checkbox"/> <b>SPUD REPORT</b> Date of Spud:			
<input type="checkbox"/> <b>DRILLING REPORT</b> Report Date:			

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.  
 THIS WELL RETURNED TO PRODUCTION ON 8/12/2010 AT 09:00 HRS.

**Accepted by the**  
**Utah Division of**  
**Oil, Gas and Mining**  
**FOR RECORD ONLY**  
 August 17, 2010

<b>NAME (PLEASE PRINT)</b> Andy Lytle	<b>PHONE NUMBER</b> 720 929-6100	<b>TITLE</b> Regulatory Analyst
<b>SIGNATURE</b> N/A	<b>DATE</b> 8/17/2010	

<b>STATE OF UTAH</b> DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		<b>FORM 9</b>
<b>SUNDRY NOTICES AND REPORTS ON WELLS</b>  Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		<b>5. LEASE DESIGNATION AND SERIAL NUMBER:</b> ML-22265
<b>1. TYPE OF WELL</b> Gas Well		<b>6. IF INDIAN, ALLOTTEE OR TRIBE NAME:</b>
<b>2. NAME OF OPERATOR:</b> KERR-MCGEE OIL & GAS ONSHORE, L.P.		<b>7. UNIT or CA AGREEMENT NAME:</b> NATURAL BUTTES
<b>3. ADDRESS OF OPERATOR:</b> P.O. Box 173779 1099 18th Street, Suite 600, Denver, CO, 80217 3779		<b>8. WELL NAME and NUMBER:</b> MORGAN STATE 11-36
<b>4. LOCATION OF WELL</b> <b>FOOTAGES AT SURFACE:</b> 1943 FSL 1843 FWL <b>QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:</b> Qtr/Qtr: NESW Section: 36 Township: 09.0S Range: 21.0E Meridian: S		<b>9. API NUMBER:</b> 43047328130000
<b>PHONE NUMBER:</b> 720 929-6515 Ext		<b>9. FIELD and POOL or WILDCAT:</b> NATURAL BUTTES
<b>COUNTY:</b> UINTAH		<b>STATE:</b> UTAH
<b>11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA</b>		
<b>TYPE OF SUBMISSION</b>	<b>TYPE OF ACTION</b>	
<input type="checkbox"/> NOTICE OF INTENT Approximate date work will start:	<input type="checkbox"/> ACIDIZE <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> DEEPEN <input type="checkbox"/> OPERATOR CHANGE <input checked="" type="checkbox"/> PRODUCTION START OR RESUME <input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> WATER SHUTOFF <input type="checkbox"/> WILDCAT WELL DETERMINATION	
<input checked="" type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: 5/18/2011	<input type="checkbox"/> ALTER CASING <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> SI TA STATUS EXTENSION <input type="checkbox"/> OTHER: <input style="width: 100px;" type="text"/>	
<input type="checkbox"/> SPUD REPORT Date of Spud:	<input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CONVERT WELL TYPE <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> PLUG BACK <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION <input type="checkbox"/> TEMPORARY ABANDON <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> APD EXTENSION	
<input type="checkbox"/> DRILLING REPORT Report Date:	<input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> SI TA STATUS EXTENSION <input type="checkbox"/> OTHER: <input style="width: 100px;" type="text"/>	
<b>12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.</b>  THE SUBJECT WELL WAS RETURNED TO PRODUCTION ON 05/18/2011.		
<b>Accepted by the          Utah Division of          Oil, Gas and Mining          FOR RECORD ONLY</b>		
<b>NAME (PLEASE PRINT)</b> Sheila Wopsock	<b>PHONE NUMBER</b> 435 781-7024	<b>TITLE</b> Regulatory Analyst
<b>SIGNATURE</b> N/A	<b>DATE</b> 6/13/2011	

<b>STATE OF UTAH</b> DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		<b>FORM 9</b>			
<b>SUNDRY NOTICES AND REPORTS ON WELLS</b>  Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		<b>5. LEASE DESIGNATION AND SERIAL NUMBER:</b> ML-22265			
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<b>2. NAME OF OPERATOR:</b> KERR-MCGEE OIL & GAS ONSHORE, L.P.		<b>7. UNIT or CA AGREEMENT NAME:</b> NATURAL BUTTES			
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<b>10. FIELD and POOL or WILDCAT:</b> NATURAL BUTTES		<b>COUNTY:</b> UTAH			
<b>11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA</b>		<b>STATE:</b> UTAH			
<b>TYPE OF SUBMISSION</b>  <input checked="" type="checkbox"/> <b>NOTICE OF INTENT</b> Approximate date work will start: 9/16/2011  <input type="checkbox"/> <b>SUBSEQUENT REPORT</b> Date of Work Completion:  <input type="checkbox"/> <b>SPUD REPORT</b> Date of Spud:  <input type="checkbox"/> <b>DRILLING REPORT</b> Report Date:	<b>TYPE OF ACTION</b>  <table style="width: 100%; border: none;"> <tr> <td style="width: 33%; vertical-align: top;"> <input type="checkbox"/> ACIDIZE  <input type="checkbox"/> CHANGE TO PREVIOUS PLANS  <input type="checkbox"/> CHANGE WELL STATUS  <input type="checkbox"/> DEEPEN  <input type="checkbox"/> OPERATOR CHANGE  <input type="checkbox"/> PRODUCTION START OR RESUME  <input type="checkbox"/> REPERFORATE CURRENT FORMATION  <input type="checkbox"/> TUBING REPAIR  <input type="checkbox"/> WATER SHUTOFF  <input type="checkbox"/> WILDCAT WELL DETERMINATION         </td> <td style="width: 33%; vertical-align: top;"> <input type="checkbox"/> ALTER CASING  <input type="checkbox"/> CHANGE TUBING  <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS  <input type="checkbox"/> FRACTURE TREAT  <input checked="" type="checkbox"/> PLUG AND ABANDON  <input type="checkbox"/> RECLAMATION OF WELL SITE  <input type="checkbox"/> SIDETRACK TO REPAIR WELL  <input type="checkbox"/> VENT OR FLARE  <input type="checkbox"/> SI TA STATUS EXTENSION  <input type="checkbox"/> OTHER         </td> <td style="width: 33%; vertical-align: top;"> <input type="checkbox"/> CASING REPAIR  <input type="checkbox"/> CHANGE WELL NAME  <input type="checkbox"/> CONVERT WELL TYPE  <input type="checkbox"/> NEW CONSTRUCTION  <input type="checkbox"/> PLUG BACK  <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION  <input type="checkbox"/> TEMPORARY ABANDON  <input type="checkbox"/> WATER DISPOSAL  <input type="checkbox"/> APD EXTENSION            OTHER: <span style="border: 1px solid black; display: inline-block; width: 100px; height: 1.2em; vertical-align: middle;"></span> </td> </tr> </table>		<input type="checkbox"/> ACIDIZE <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> DEEPEN <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PRODUCTION START OR RESUME <input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> WATER SHUTOFF <input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> ALTER CASING <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> FRACTURE TREAT <input checked="" type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> SI TA STATUS EXTENSION <input type="checkbox"/> OTHER	<input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CONVERT WELL TYPE <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> PLUG BACK <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION <input type="checkbox"/> TEMPORARY ABANDON <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> APD EXTENSION OTHER: <span style="border: 1px solid black; display: inline-block; width: 100px; height: 1.2em; vertical-align: middle;"></span>
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<b>12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.</b>  The operator requests authorization to plug and abandon the subject well location. Attached to this sundry is the plug and abandonment procedure.					
<div style="color: red; font-weight: bold;">             Approved by the              Utah Division of              Oil, Gas and Mining           </div> <div style="color: red; font-weight: bold; margin-top: 10px;">             Date: <u>11/17/2011</u>              By: <u></u> </div>					
<b>NAME (PLEASE PRINT)</b> Jaime Scharnowske		<b>PHONE NUMBER</b> 720 929-6304			
<b>SIGNATURE</b> N/A		<b>TITLE</b> Regulatory Analyst			
<b>DATE</b> 9/16/2011					

Please Review Attached Conditions of Approval

**RECEIVED** Sep. 16, 2011



**The Utah Division of Oil, Gas, and Mining**

- State of Utah  
- Department of Natural Resources

Electronic Permitting System - Sundry Notices

**Sundry Conditions of Approval Well Number 43047328130000**

- 1. Notify the Division at least 24 hours prior to conducting abandonment operations.  
Please call Dan Jarvis at 801-538-5338.**
- 2. All balanced plugs shall be tagged to ensure they remain at the depth specified by the proposal.**
- 3. All annuli shall be cemented from a minimum depth of 100' to the surface.**
- 4. Surface reclamation shall be done in accordance with R649-3-34 – Well Site Restoration.**
- 5. All requirements in the Oil and Gas Conservation General Rule R649-3-24 shall apply.**
- 6. If there are any changes to the plugging procedure or the wellbore configuration, notify Dustin Doucet at 801-538-5281 (ofc) or 801-733-0983 (home) prior to continuing with the procedure.**
- 7. All other requirements for notice and reporting in the Oil and Gas Conservation General Rules shall apply.**

11/17/2011

## Wellbore Diagram

r263

API Well No: 43-047-32813-00-00

Permit No:

Well Name/No: MORGAN STATE 11-36

Company Name: KERR-MCGEE OIL &amp; GAS ONSHORE, L.P.

Location: Sec: 36 T: 9S R: 21E Spot: NESW

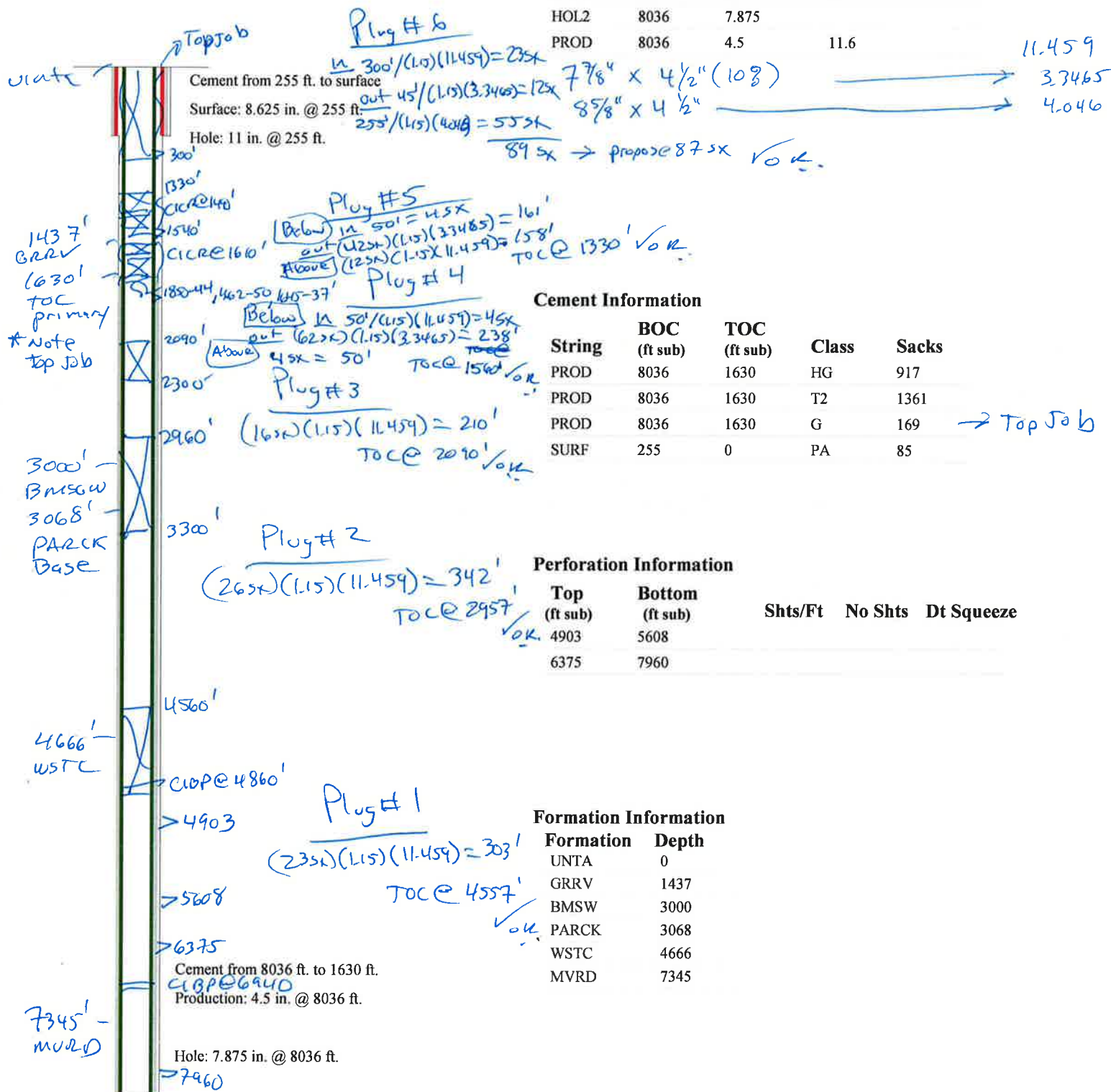
Coordinates: X: 627815 Y: 4427799

Field Name: NATURAL BUTTES

County Name: UTAH

## String Information

String	Bottom (ft sub)	Diameter (inches)	Weight (lb/ft)	Length (ft)	Capacity (ft/cf)
HOL1	255	11			
SURF	255	8.625	24		
HOL2	8036	7.875			
PROD	8036	4.5	11.6		



## Cement Information

String	BOC (ft sub)	TOC (ft sub)	Class	Sacks
PROD	8036	1630	HG	917
PROD	8036	1630	T2	1361
PROD	8036	1630	G	169
SURF	255	0	PA	85

## Perforation Information

Top (ft sub)	Bottom (ft sub)	Shts/Ft	No Shts	Dt Squeeze
4903	5608			
6375	7960			

## Formation Information

Formation	Depth
UNTA	0
GRRV	1437
BMSW	3000
PARCK	3068
WSTC	4666
MVRD	7345

TD:

8036 TVD:

PBDT:



**Name:** **MORGAN STATE 11-36**  
**Surface Location:** NESW SEC.36, T9S, R21E  
 Uintah County, UT

9/12/11

**API:** 4304732813 **LEASE#:** ML-22265

**ELEVATIONS:** 5087' GL 5100' KB

**TOTAL DEPTH:** 8036' **PBTD:** 6940' (CIBP)

**SURFACE CASING:** 8 5/8", 24# K-55 @ 250', 11" Hole  
 TOC @ Surface

**PRODUCTION CASING:** 4 1/2", 11.6# N-80 @ 8036', 7 7/8" Hole  
 TOC @ 1610' per CBL

**PERFORATIONS:** Wasatch 4903' - 7116'  
 Mesaverde 7501' - 7960'

Tubular/Borehole	Drift inches	Collapse psi	Burst psi	Capacities		
				Gal./ft.	Cuft/ft.	Bbl./ft.
2.375" 4.7# J-55 tbg.	1.901	8100	7700	0.1624	0.02171	0.00387
4.5" 11.6# N-80	3.875	6350	7780	0.6528	0.0872	0.0155
8.625" 24# J-55	8.097	1370	2950	2.6749	0.3537	0.0636
<b>Annular Capacities</b>						
2.3/8" tbg. X 4 1/2" csg				0.4226	0.0565	0.01
4.5" csg X 8 5/8" 24# csg				1.8487	0.2471	0.044
4.5" csg X 7.7/8 borehole				1.704	0.2278	0.0406
8.5/8" csg X 11" borehole				1.9026	0.2543	0.0453

**Formation**      **Depth to top, ft.**  
 Uinta      Surface  
 Green River      1437'  
 Bird's Nest      1715'  
 Mahogany      2199'  
 Base of Parachute      3068'  
 Wasatch      4666'  
 Mesaverde      7345'

**Tech. Pub. #92 Base of USDW's**  
 USDW Elevation      ~1900 MSL  
 USDW Depth      ~3200' KBE

**MORGAN STATE 11-36 PLUG & ABANDONMENT PROCEDURE****GENERAL**

- H<sub>2</sub>S MAY BE PRESENT. CHECK FOR H<sub>2</sub>S AND TAKE APPROPRIATE PRECAUTIONS.
- CEMENT QUANTITIES BELOW ASSUME NEAT CLASS G, YIELD 1.145 CUFT./SX. IF A DIFFERENT PRODUCT IS USED, WELLSITE PERSONNEL ARE RESPONSIBLE FOR CORRECTING QUANTITIES TO YIELD THE STATED SLURRY VOLUME. WHEN SQUEEZING, INCLUDE 10% EXCESS PER 1000' OF DEPTH.
- TREATED FRESH WATER WILL BE PLACED BETWEEN ALL PLUGS INSTEAD OF BRINE.
- ALL DISPLACEMENT FLUID SHALL CONTAIN CORROSION INHIBITOR AND BIOCIDES. PREMIX 5 GALLONS PER 100 BBLs FLUID.
- PLUGS ARE TO BE TAGGED TO ENSURE THEY ARE AT DEPTH SPECIFIED.
- NOTIFY UDOGM 24 HOURS BEFORE MOVING ON LOCATION.

**PROCEDURE**

**Note: An estimated 226 sx Class "G" cement needed for procedure**

1. MIRU. KILL WELL AS NEEDED. ND WH, NU AND TEST BOPE.
2. PULL TBG & LD SAME. RU WIRELINE AND MAKE A GAUGE RING RUN TO CHECK FOR FILL. A GPS READING WILL NEED TO BE TAKEN AT THE WELL SITE AND RECORDED IN OPENWELLS. PLEASE TAKE IT TO THE 6TH DECIMAL PLACE.
3. **PLUG #1, ISOLATE WASATCH PERFORATIONS (4903'-6713') & PROTECT TOP OF WASATCH (4666')**: RIH W/ 4 1/2" CIBP. SET @ ~4860 RELEASE CIBP, PUH 10', BRK CIRC W/ FRESH WATER. DISPLACE A MINIMUM OF **23 SX / 4.7 BBL / 26.2 CUFT.** ON TOP OF PLUG. PUH ABOVE TOC (~4560'). REVERSE CIRCULATE W/ TREATED FRESH WATER.
4. **PLUG #2, PROTECT BASE OF PARACHUTE (~3068') & BASE OF USDW (~3200')**: PUH TO ~3300'. BRK CIRC W/ FRESH WATER. DISPLACE **26 SX / 5.3 BBL / 29.7 CUFT** AND BALANCE PLUG W/ TOC @ ~2960' (340' COVERAGE). PUH ABOVE TOC. REVERSE CIRCULATE W/ TREATED FRESH WATER.
5. **PLUG #3, PROTECT TOP OF MAHOGANY (2199')**: PUH TO ~2300'. BRK CIRC W/ FRESH WATER. DISPLACE **16 SX / 3.3 BBL / 18.3 CUFT** AND BALANCE PLUG W/ TOC @ ~2090' (210' COVERAGE). PUH ABOVE TOC.
6. **BIRD'S NEST WATER SAMPLE**: POOH W/ TUBING. RIH W/ WIRELINE & PERFORATE 4 SPF @ **1850-44, 1662-50, & 1645-37'**. R/U TO SWAB THE ZONE AND OBTAIN A REPRESENTATIVE SAMPLE. **ENSURE** A NALCO REPRESENTATIVE IS ON LOCATION TO MONITOR FLUID SAMPLES FOR Ph AND CHLORIDES.
  - a. ONCE FINAL FLUID SAMPLE ARE OBTAINED, **STABILIZE** SAMPLES WITH A SCALE INHIBITOR FOR SHIPMENT AND PRESERVATION. COLLECT ENOUGH SAMPLES TO BE SHIPPED OFF TO NALCO'S LAB IN TEXAS, THEIR LAB IN Vernal, AND PROVIDE SAMPLES TO ROBERT MILLER.

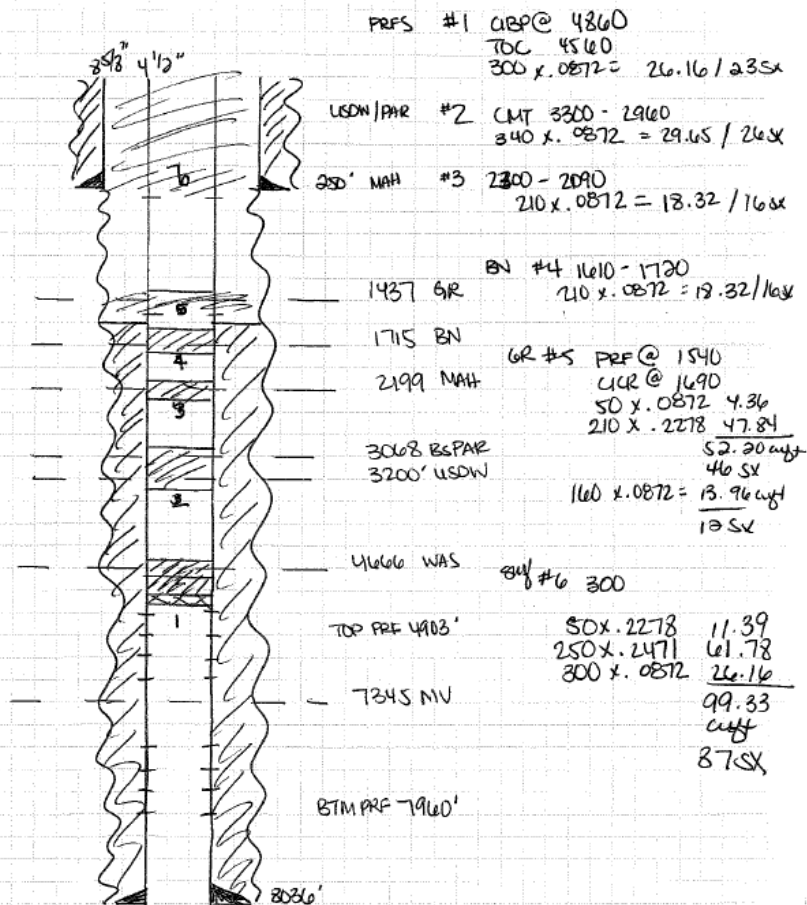
7. **PLUG #4, PROTECT TOP OF BIRD'S NEST (~1715') & SQUEEZE PERFORATIONS (1850' – 1637'):** POOH W/ TUBING. RIH W/ 4 ½" CICR, SET @ ~1610'. RIH W/ TBG & STING INTO CICR & SQUEEZE PERFS W/ APPROXIMATELY **66 SX / 13.5 BBL / 75.6 CUFT** OR SUFFICIENT VOLUME TO FILL CSG & ANNULUS TO 1610'. STING OUT OF CICR AND SPOT **4 SX / 0.8 BBL / 4.4 CUFT** CMT ON TOP OF CICR. BRK CIRC W/ FRESH WATER. POOH ABOVE TOC (~1560'). REVERSE CIRCULATE W/ TREATED FRESH WATER.
8. **PLUG #5, PROTECT TOP OF GREEN RIVER (1437'):** POOH W/ TUBING. RIH W/ WIRELINE & PERFORATE @ 1540' W/ 4 SPF. POOH. PU & RIH W/ 4 ½" CICR, SET @ ~1490'. RIH W/ TBG & STING INTO CICR & SQUEEZE PERFS W/ APPROXIMATELY **46 SX / 9.3 BBL / 52.2 CUFT** OR SUFFICIENT VOLUME TO FILL ANNULUS TO 1330'. STING OUT OF CICR AND SPOT **12 SX / 2.5 BBL / 14.0 CUFT** CMT ON TOP OF CICR. BRK CIRC W/ FRESH WATER. POOH ABOVE TOC (~1330'). REVERSE CIRCULATE W/ TREATED FRESH WATER.
9. **PLUG #6, CEMENT SURFACE HOLE:** POOH W/ TBG. RIH W/ WIRELINE, PERFORATE @ 300' W/ 4 SPF. POOH W/ WIRELINE. RU CEMENT SERVICE TO PROD CSG. PUMP **87 SX / 17.7 BBL / 99.3 CUFT** OR SUFFICIENT VOLUME TO FILL CASING AND CASING ANNULUS TO SURFACE.
10. CUT OFF WELLHEAD AND INSTALL MARKER PER BLM GUIDELINES.
11. RDMO. TURN OVER TO OPERATIONS FOR SURFACE REHAB. SURFACE RECLAMATION TO BE PERFORMED IN ACCORDANCE WITH R649-3-34 – WELL SITE RESTORATION.



APC 206 2/01

## PROJECT COMPUTATIONS

NO. \_\_\_\_\_ OF \_\_\_\_\_ SHEETS

DATE MS 11-36 PROJECT \_\_\_\_\_ JOB NO. \_\_\_\_\_BY WDDGM CHK.: \_\_\_\_\_ SUBJECT \_\_\_\_\_

**STATE OF UTAH**  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS AND MINING

FORM 6

**ENTITY ACTION FORM**

Operator: KERR McGEE OIL & GAS ONSHORE LP Operator Account Number: N 2995  
Address: P.O. Box 173779  
city DENVER  
state CO zip 80217 Phone Number: (720) 929-6304

**Well 1**

API Number	Well Name		QQ	Sec	Twp	Rng	County
4304732811	MORGAN STATE 7-36		NENW	36	9S	21E	UINTAH
Action Code	Current Entity Number	New Entity Number	Spud Date		Entity Assignment Effective Date		
<u>C</u>	12134	2900	5/21/1997		<u>2/1/2012</u>		
Comments: <u>moved into NBU</u> — <u>3/30/2012</u>							

**Well 2**

API Number	Well Name		QQ	Sec	Twp	Rng	County
4304732812	MORGAN STATE 8-36		NENE	36	9S	21E	UINTAH
Action Code	Current Entity Number	New Entity Number	Spud Date		Entity Assignment Effective Date		
<u>C</u>	12179	2900	8/3/1997		<u>2/1/2012</u>		
Comments: Please update the subject well to reflect production from WSMVD. <u>moved into unit NBU</u> — <u>3/30/2012</u>							

**Well 3**

API Number	Well Name		QQ	Sec	Twp	Rng	County
4304732813	MORGAN STATE 11-36		NESW	36	9S	21E	UINTAH
Action Code	Current Entity Number	New Entity Number	Spud Date		Entity Assignment Effective Date		
<u>C</u>	12137	2900	4/29/1997		<u>2/1/2012</u>		
Comments: <u>moved into NBU</u> — <u>3/30/2012</u>							

**ACTION CODES:**

- A - Establish new entity for new well (single well only)
- B - Add new well to existing entity (group or unit well)
- C - Re-assign well from one existing entity to another existing entity
- D - Re-assign well from one existing entity to a new entity
- E - Other (Explain in 'comments' section)

**RECEIVED**

**MAR 29 2012**

Div. of Oil, Gas & Mining

JAIME SCHARNOWSKE

Name (Please Print)

Signature

REGULATORY ANALYST

Title

3/28/2012

Date

<b>STATE OF UTAH</b> DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		<b>FORM 9</b>
<b>SUNDRY NOTICES AND REPORTS ON WELLS</b>  Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		<b>5. LEASE DESIGNATION AND SERIAL NUMBER:</b> ML-22265
<b>1. TYPE OF WELL</b> Gas Well		<b>6. IF INDIAN, ALLOTTEE OR TRIBE NAME:</b>
<b>2. NAME OF OPERATOR:</b> KERR-MCGEE OIL & GAS ONSHORE, L.P.		<b>7. UNIT or CA AGREEMENT NAME:</b>
<b>3. ADDRESS OF OPERATOR:</b> P.O. Box 173779 1099 18th Street, Suite 600, Denver, CO, 80217 3779		<b>8. WELL NAME and NUMBER:</b> MORGAN STATE 11-36
<b>4. LOCATION OF WELL</b> <b>FOOTAGES AT SURFACE:</b> 1943 FSL 1843 FWL <b>QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:</b> Qtr/Qtr: NESW Section: 36 Township: 09.0S Range: 21.0E Meridian: S		<b>9. API NUMBER:</b> 43047328130000
<b>PHONE NUMBER:</b> 720 929-6514		<b>9. FIELD and POOL or WILDCAT:</b> NATURAL BUTTES
<b>COUNTY:</b> UTAH		<b>STATE:</b> UTAH
11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA		
<b>TYPE OF SUBMISSION</b>	<b>TYPE OF ACTION</b>	
<input type="checkbox"/> NOTICE OF INTENT Approximate date work will start:	<input type="checkbox"/> ACIDIZE <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> DEEPEN <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PRODUCTION START OR RESUME <input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> WATER SHUTOFF <input type="checkbox"/> WILDCAT WELL DETERMINATION	
<input checked="" type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: 3/16/2012	<input type="checkbox"/> ALTER CASING <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> FRACTURE TREAT <input checked="" type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> SI TA STATUS EXTENSION <input type="checkbox"/> OTHER	
<input type="checkbox"/> SPUD REPORT Date of Spud:	<input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CONVERT WELL TYPE <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> PLUG BACK <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION <input type="checkbox"/> TEMPORARY ABANDON <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> APD EXTENSION	
<input type="checkbox"/> DRILLING REPORT Report Date:	OTHER: <input style="width: 100px;" type="text"/>	
12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc. The operator has concluded the plug and abandonment operations on the subject well location on 03/16/2012. Please see the attached chronological well history for details and updated latitude and longitude locations. Thank you.		
Accepted by the Utah Division of Oil, Gas and Mining <b>FOR RECORD ONLY</b> July 25, 2012		
<b>NAME (PLEASE PRINT)</b> Cara Mahler	<b>PHONE NUMBER</b> 720 929-6029	<b>TITLE</b> Regulatory Analyst I
<b>SIGNATURE</b> N/A	<b>DATE</b> 7/24/2012	

US ROCKIES REGION  
**Operation Summary Report**

Well: MORGAN STATE 11-36					Spud Date: 5/9/1997						
Project: UTAH-UINTAH				Site: MORGAN STATE 11-36				Rig Name No: WESTERN WELLSITE/UNK			
Event: ABANDONMENT				Start Date: 3/5/2012				End Date: 3/16/2012			
Active Datum: RKB @0.00usft (above Mean Sea Level)				UWI: MORGAN STATE 11-36							
Date	Time Start-End		Duration (hr)	Phase	Code	Sub Code	P/U	MD From (usft)	Operation		
3/5/2012	7:00	- 17:00	10.00	ABAND					PREJOB SAFETY MEETING, MIRU, BLOW DOWN WELL, NDWH, NUBOP, PREPARE TO PULL TUBING IN MORNING, SDFN		
3/6/2012	7:00	- 17:00	10.00	ABAND					PREJOB SAFETY MEETING, BLOW DOWN WELL, RU SCAN TECH, TOH AND TEST TUBING, RD SCAN TECH, RU WIRELINE, RIH WITH GAUGE RING TO 4900', POOH WITH SAME, RIH WITH CIBP ANS SET AT 4860', POOH WITH WIRELINE, RD WIRELINE, TIH WITH TUBING TO 4855', LOAD HOLE WITH 75BLS TMAC, RESSURE TEST CASING TO 700PSI HELD, SIW, SDFN		
3/7/2012	7:00	- 17:00	10.00	ABANDP					GYRO RAN PRIOR TO MI, PREJOB SAFETY MEETING, MIX AND PUMP 25SXS CLASS G CEMENT ON TOP OFF CIBP AT 4860', TOH TO 3313', MIX AND PUMP 30SXS CLASS G CEMENT, TOH TO 2304', TOH TO 1925', REVERSE CIRCULATE WITH 30BLS FRESH WATER, TOH, TIH TO 1145', RU SWAB EQUIPMENT, SWAB FLUID LEVEL DOWN TO 1100', RD SWAB EQUIPMENT, TOH, SIW, SDFN		
3/8/2012	7:00	- 17:00	10.00	ABANDP					PREJOB SAFETY MEETING, RU WIRELINE, SHOOT PERFS 4 SPF @ 1844-50' +1650-62' +1637-45', TIH TO 1841', RD SWAB EQUIPMENT, SWAB TEST ZONE, RD SWAB EQUIPMENT, SIW, SDFN		
3/9/2012	7:00	- 17:00	10.00		42	B			PREJOB SAFETY MEETING, RD SWAB EQUIPMENT, SWAB TEST ZONE, RD SWAB EQUIPMENT, 160BLS REVCOVERED, SIW, SDFN		
3/12/2012	7:00	- 17:00	10.00	ABANDP	42	B			PREJOB SAFETY MEETING, RD SWAB EQUIPMENT, SWAB TEST ZONE, RD SWAB EQUIPMENT, 210BLS RECOVERED, SIW, SDFN		
3/13/2012	7:00	- 17:00	10.00	ABANDP	42	B			PREJOB SAFETY MEETING, RD SWAB EQUIPMENT, SWAB TEST ZONE, RD SWAB EQUIPMENT, 210BLS RECOVERED, SIW, SDFN		
3/14/2012	7:00	- 17:00	10.00	ABANDP	42	B			PREJOB SAFETY MEETING, RU TANK, RU FOAM UNIT + NITROGEN UNIT, AIRLIFT FLUID TO TANK, FLOW WELL TO TANK, 630BLS RECOVERED, SIW, SDFN		

## US ROCKIES REGION

## Operation Summary Report

Well: MORGAN STATE 11-36

Spud Date: 5/9/1997

Project: UTAH-UINTAH

Site: MORGAN STATE 11-36

Rig Name No: WESTERN WELLSITE/UNK

Event: ABANDONMENT

Start Date: 3/5/2012

End Date: 3/16/2012

Active Datum: RKB @0.00usft (above Mean Sea Level)

UWI: MORGAN STATE 11-36

Date	Time Start-End	Duration (hr)	Phase	Code	Sub Code	P/U	MD From (usft)	Operation
3/15/2012	7:00 - 17:00	10.00	ABANDP	51	D			PREJOB SAFETY MEETING, TOH, TIH WITH 4.5" CICR AND SET AT 1610', MIX AND PUMP 75SXS CLASS G CEMENT (70SXS UNDER, 5SXS ON TOP), TOH TO 1560', REVERSE CIRCULATE WITH 35BLS TAMC, TOH, RU WIRELINE, RIH AND SHOOT PERFS AT 1540', RD WIRELINE, TIH WITH TUBING TO 1470', RU SWAB EQUIPMENT, ATTEMPT TO SWAB FLUID SAMPLE OUT OF PERFS FAILED (NO FLUID ENTERING FROM PERFS), RD SWAB EQUIPMENT, TOH, RU WIRELINE, SHOOT PERS AT 300', RD WIRELINE, TIH WITH TUBING TO 1470', RU SWAB EQUIPMENT, ATTEMPT TO SWAB FLUID SAMPLE OUT OF PERFS FAILED (NO FLUID ENTERING FROM PERFS), RD SWAB EQUIPMENT, TOH, TIH WITH CICR AND SET AT 1470', MIX AND PUMP 65SXS CLASS G CEMENT (50SXS UNDER, 15SXS UNDER), TOH, ATTEMPT TO BREAK CIRCULATION TO SURFACE THROUGH PERFS AT 300', ZERO RATE INTO PERFS, PUMP10BLS DOWN SURFACE CASING GOOD RATE, SIW, SDFN
3/16/2012	7:00 - 17:00	10.00	ABANDP	51	D			PREJOB SAFETY MEETING, RU WIRELINE, SHOOT PERFS AT 290', ZERO RATE INTO PERFS, RD WIRELINE, BULLHEAD 65SXS CLASS G CEMENT DOWN SURFACE ANNULUS, NDBOP, TIH TO 320', MIX AND PUMP 30SXS CLASS G CEMENT TO SURFACE, TOH, RD, DIG OUT WELLHEAD, CUT OFF WELLHEAD, TOP OFF WITH 5SXS CLASS G CEMENT, WELD ON INFO PLATE BACKFILL, CLEAN LOCATION, MO, SDFN
LAT/LONG: 39.99062/-109.50212								



C

FORM 6

**STATE OF UTAH**  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS AND MINING

**ENTITY ACTION FORM**

Operator: KERR MCGEE OIL & GAS ONSHORE LP Operator Account Number: N 2995  
Address: P.O. Box 173779  
city DENVER  
state CO zip 80217 Phone Number: (720) 929-6304

**Well 1**

API Number	Well Name	QQ	Sec	Twp	Rng	County
4304732811	Morgan State 07-36	NENW	36	9S	21E	UINTAH
Action Code	Current Entity Number	New Entity Number	Spud Date	Entity Assignment Effective Date		
C	2900	12134	5/21/1997	7/18/2002		
Comments: put into NBU in error						

**Well 2**

API Number	Well Name	QQ	Sec	Twp	Rng	County
4304732812	Morgan State 08-36	NENE	36	9S	21E	UINTAH
Action Code	Current Entity Number	New Entity Number	Spud Date	Entity Assignment Effective Date		
C	2900	12179	8/3/1997	7/18/12		
Comments: put into NBU in error						

**Well 3**

API Number	Well Name	QQ	Sec	Twp	Rng	County
4304732813	Morgan State 11-36	NESW	36	9S	21E	UINTAH
Action Code	Current Entity Number	New Entity Number	Spud Date	Entity Assignment Effective Date		
C	2900	12137	4/29/1997	7/18/12		
Comments: put into NBU in error						

**ACTION CODES:**

- A - Establish new entity for new well (single well only)
- B - Add new well to existing entity (group or unit well)
- C - Re-assign well from one existing entity to another existing entity
- D - Re-assign well from one existing entity to a new entity
- E - Other (Explain in 'comments' section)

JAIME SCHARNOWSKE

Name (Please Print)

Signature

REGULATORY ANALYST

Title

7/9/2012

Date

JUL 09 2012